CATALOG "A"

"GOLD MEDAL"
SCAFFOLDS AND LADDERS

for
construction
concrete shoring
plant maintenance
building repairs

GOLD MEDAL
LADDERS
SCAFFOLDING
®

THE PATENT SCAFFOLDING CO., Inc.

GOLD MEDAL
LADDERS
SCAFFOLDING
®

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The
Patent Scaffolding
Co., Inc.

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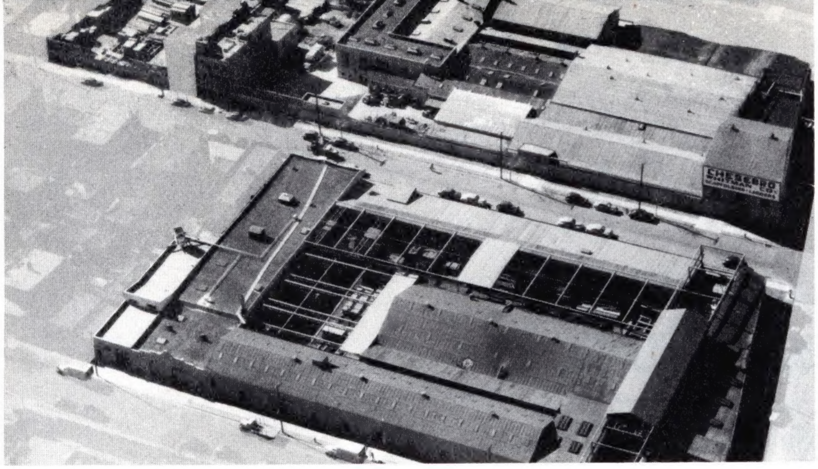
Manufacturing Plants and Sales Offices

MOST CONSTRUCTION, maintenance or repair jobs lend themselves to one type of scaffold or ladder better than to any other type.

The Patent Scaffolding Co., Inc., with the only complete line of such equipment, is therefore in a position to recommend the one best suited to the project at hand.

To help you select the most efficient scaffolding, ladder, concrete shoring or plant maintenance equipment, PS Co. offers a complete nationwide engineering service, available to you locally.

The service is localized by a network of 22 company-owned branch offices and warehouses, each staffed by scaffolding, ladder and shoring experts, and by qualified representatives.



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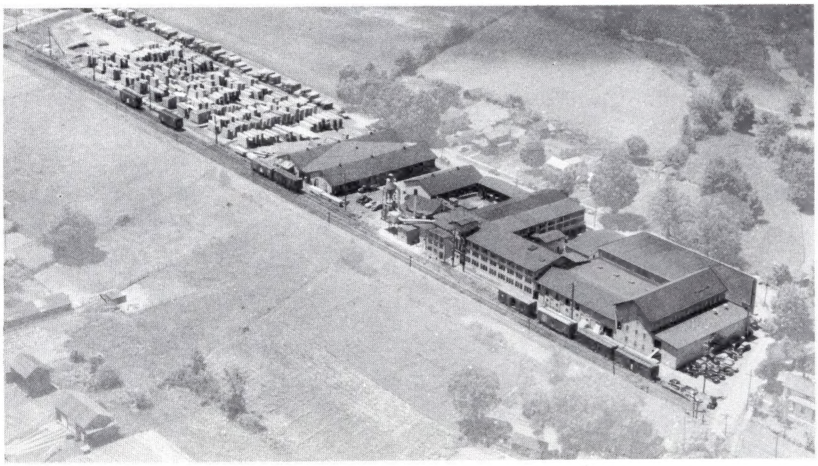
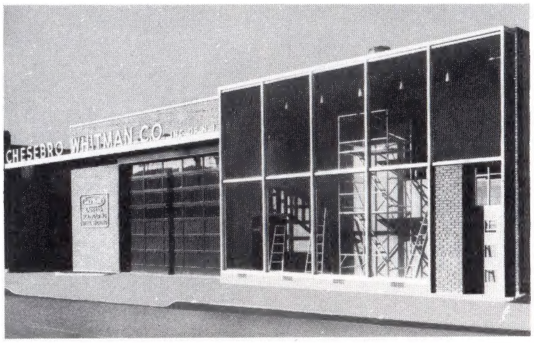


Newark Valley, N.Y. ***(Ladder Manufacturing)***

Newington ***(Hartford)*****, Conn.**

Uniontown, Pa. ***(Manufacturing)***

Miami, Fla.



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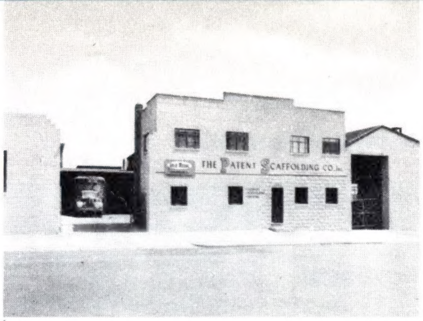
Milwaukee, Wis.



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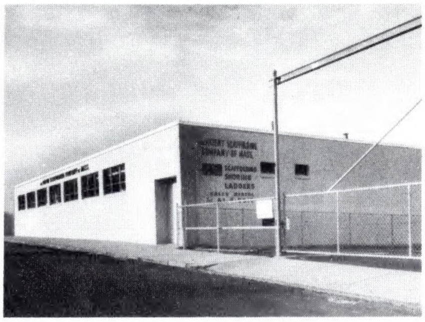
Detroit, Mich.

Pittsburgh, Pa.

Newark Valley, N. Y.



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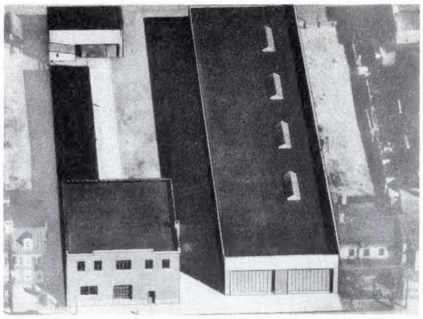
Atlanta, Ga.



Philadelphia, Pa.

Kansas City, Mo.

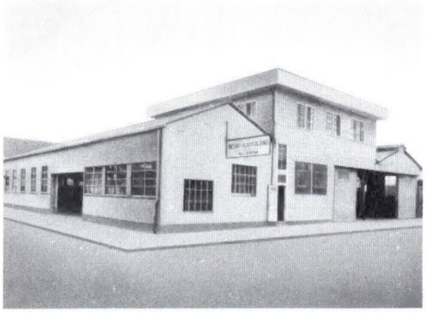
Dallas, Texas

Cleveland, Ohio

Seattle, Wash.

Charlotte, N. C.

St. Louis, Mo.



New Orleans, La.

Chicago, Ill

San Francisco, Calif.

"Trouble Saver"® Sectional Steel Scaffolds

FOR

- **bricklaying**
- **stone setting**
- **building renovation**
- **plastering**
- **rolling scaffolds**
- **demolition**

SALES—RENTALS

For further details see Bulletin PSS-34. Approved by Underwriters' Laboratories, Inc.

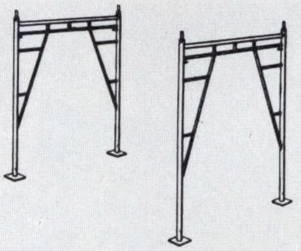
"Trouble Saver" Sectional Steel Scaffolds make maximum use of prefabricated components to cut erection and dismantling time. All but the most complicated jobs can be scaffolded with just a few basic "Trouble Saver" parts: End frames, pivoted diagonal braces, bases or adjustable legs.

Because of prefabrication, "Trouble Saver" Scaffolds go up much faster than old-fashioned wood scaffolds. Also, the time required to plan the scaffold is cut to a minimum because the scaffold was actually planned at our factory.

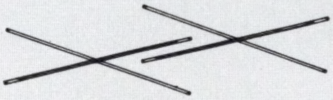
Frames are joined horizontally by means of pivoted diagonal braces which are fastened to studs on the frame by means of wing nuts or fast-acting SlideLoks.

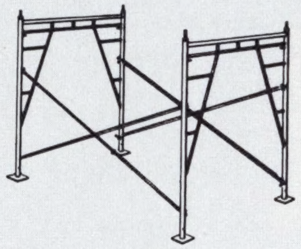
Frames are joined vertically by a coupling pin which fits into the top of the bottom frame legs and the bottom of the upper frame legs. It is secured by a hinged, metal pin. No tools are required for erection.

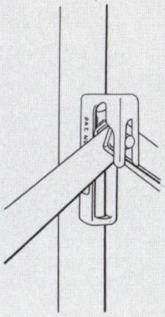
Erection Procedure



End frames, varying in height from 3′ to 10′, are joined by pivoted, double-diagonal steel braces to provide a wide range of spacings. From the basic unit scaffolds can be built up both horizontally and vertically.







SlideLoks, a fast-acting, patented mechanism to secure braces to frames, are available on all "Trouble Saver" frames.

Technical Data—

Width of frames: All are 5′ wide, center to center; sidewalk canopy frame 6′ wide.

Height of frames: Deep trussed, 3′, 4′, 4′6″, 5′, 6′6″, 10′; shallowed trussed, 5′, 6′6″; ladder type, 3′, 5′, 6′6″; mason, 3′, 4′, 4′6″, 5′, 6′6″; sidewalk canopy 7′6″.

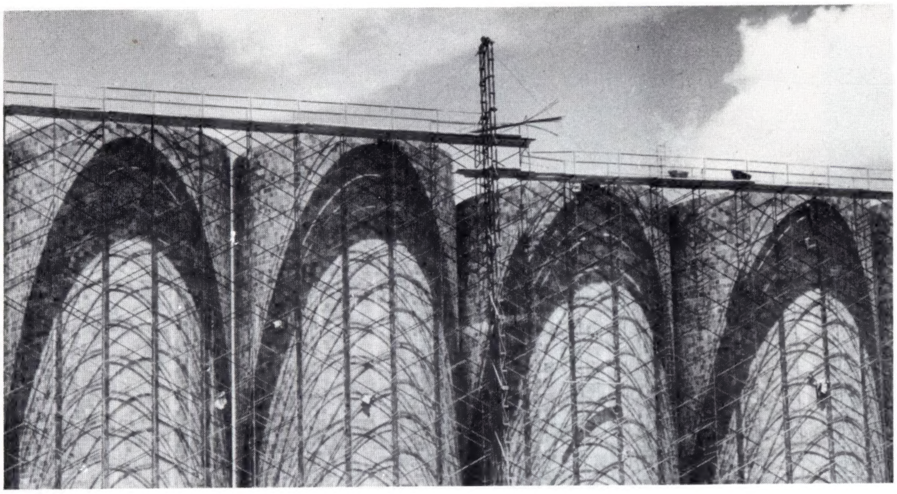
Pivoted diagonal braces: 1¼″ x 1¼″ x ⅛″ steel angle, provide spacings between frames of 5′, 6′ or 7′ and 10′ (tube). Other sizes available if required.

Size of legs and top horizontal, all frames: 1⅝″ o.d. x .108″ wall, structural steel tubing; minimum tensile strength, 75,000 psi, minimum yield strength, 50,000 psi.

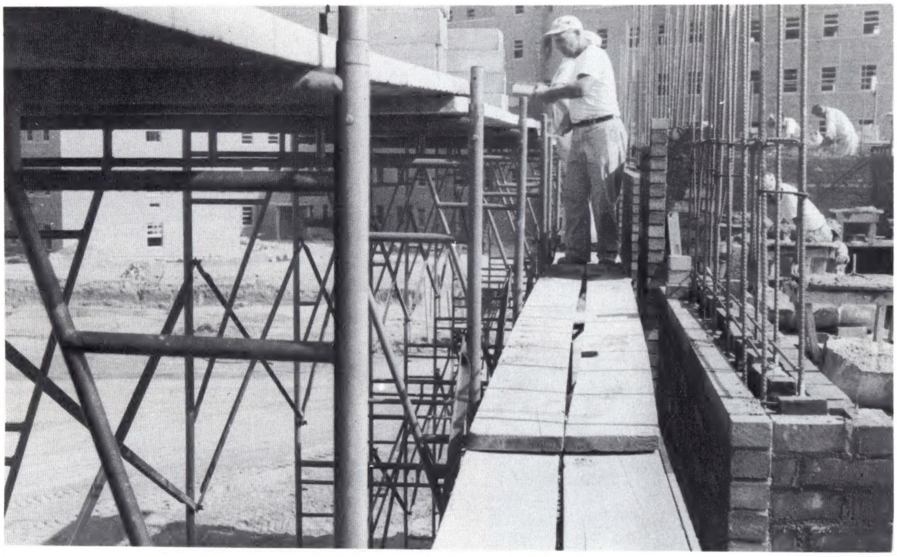
Construction: Joints on all frames are arc-welded; all welds chipped and inspected before application of high quality, synthetic aluminum enamel.

Typical Installations...

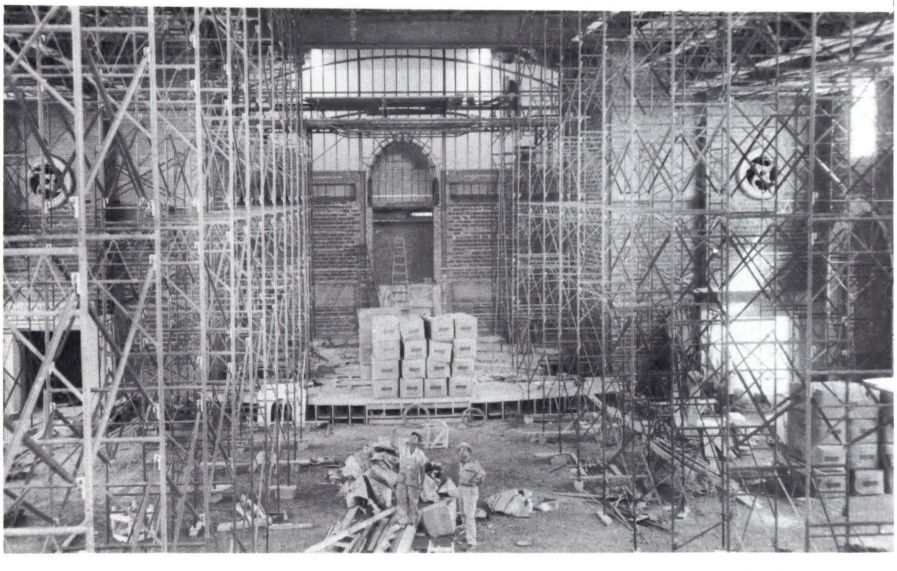
"Trouble Saver" Sectional Scaffolds



80'-HIGH silos are easily scaffolded with "Trouble Saver" equipment, which also makes runways between units.

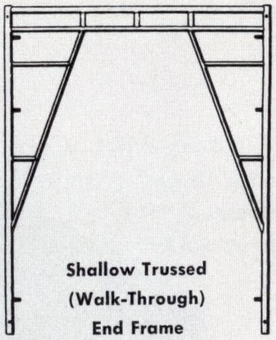


MASONRY materials and masons are kept conveniently close together with two separate platforms supported by frames and brackets, respectively.

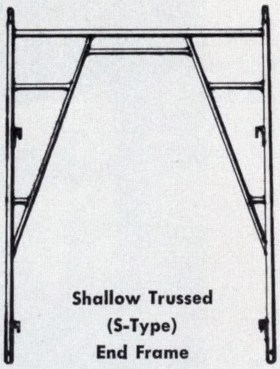


PLASTERING the ceiling of church requires this 46'-high "Trouble Saver" Scaffold. Standard trusses across the two scaffolds increase working area for plasterers.

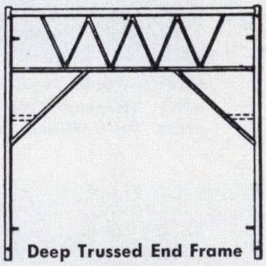
Major Components



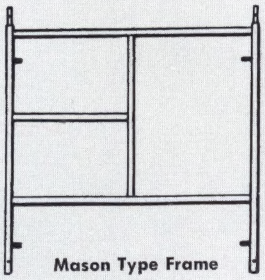
Shallow Trussed (Walk-Through) End Frame



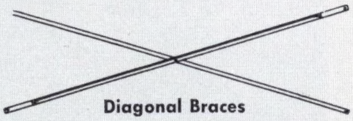
Shallow Trussed (S-Type) End Frame



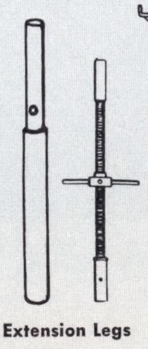
Deep Trussed End Frame



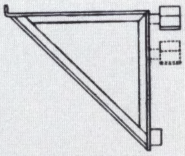
Mason Type Frame



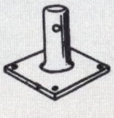
Diagonal Braces



Extension Legs

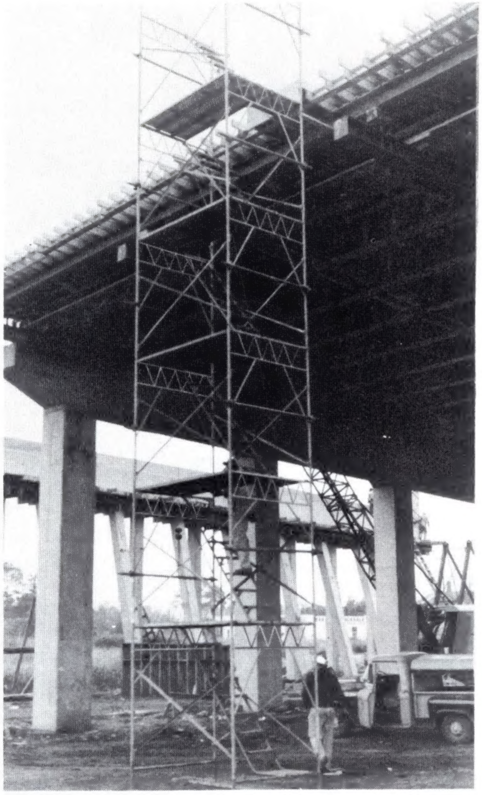


Sidewall Bracket

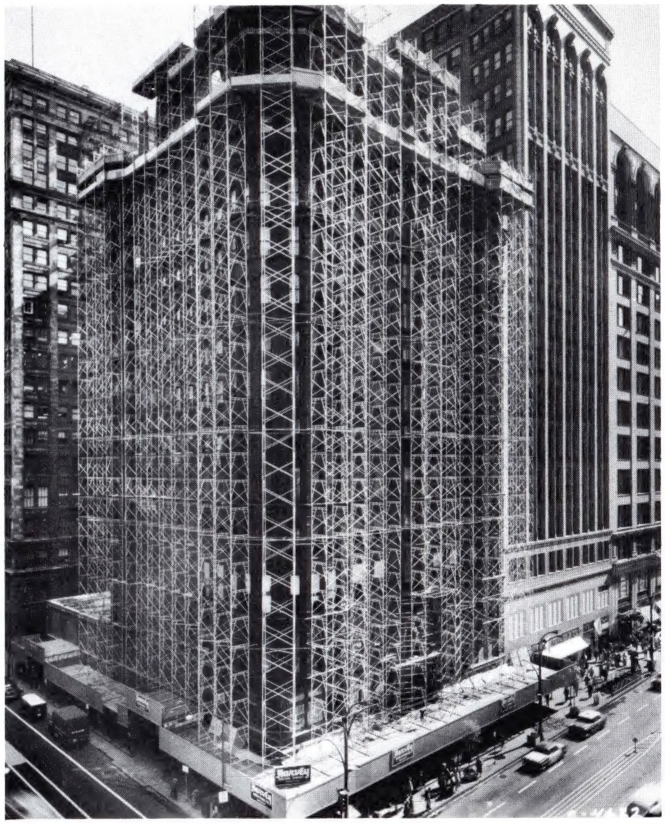


Base

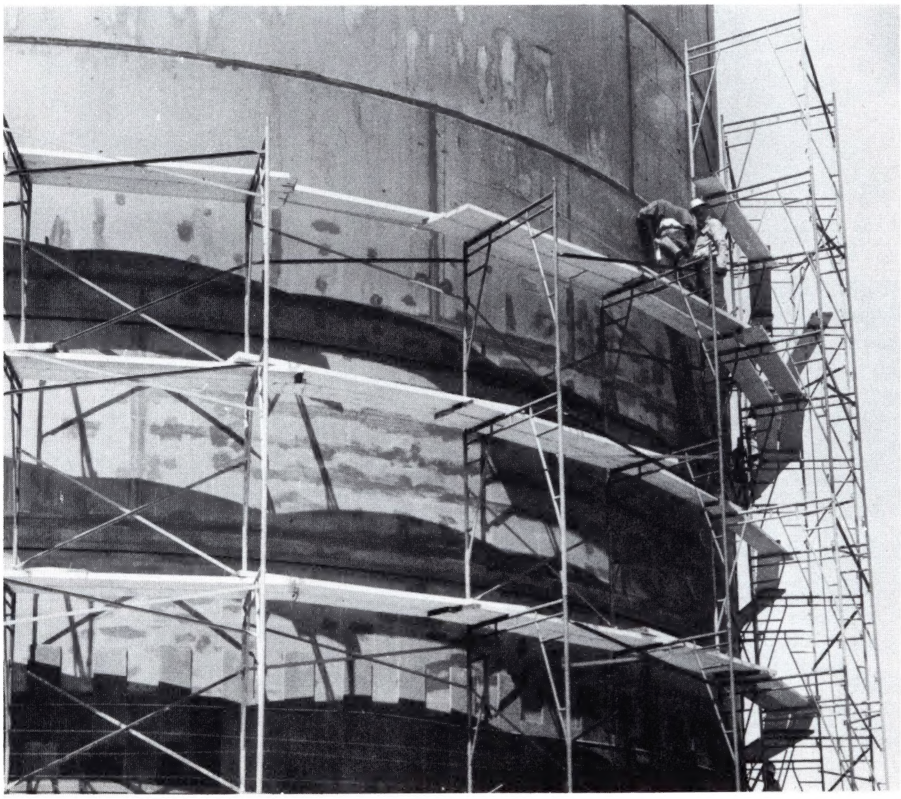
Typical Installations... "Trouble Saver" Sectional Scaffolds



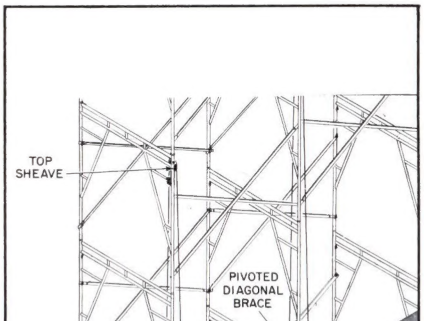
STEEL STAIRWAYS inside Sectional Scaffolds replace costly built-on-the-job units for access to working areas. Steel planks also available.



BUILDING DEMOLITION goes faster with "Trouble Saver" Scaffolding. Exceptionally rigid working platform permits contractors to make use of unskilled labor.



CURVED SURFACES of refinery tanks present no particular problems when using "Trouble Saver" Scaffolds. Workmen are applying insulation material to exterior.



MASON'S ELEVATING BRACKET provides separate platforms for masons and for materials, raised and lowered simultaneously by winch mechanisms with 40' of steel wire rope.

"Trouble Saver" Sectional Steel Rolling Scaffolds

FOR

painting
building repairs
plant maintenance
decorating

SALES—RENTALS
For further details, see Bulletins PSS-14 and PSS-34. Approved by Underwriters' Laboratories, Inc.

"Trouble Saver" Rolling Scaffolds are erected from the same basic components used in building fixed scaffolds—5′-wide frames, pivoted diagonal braces, and casters—instead of base plates.

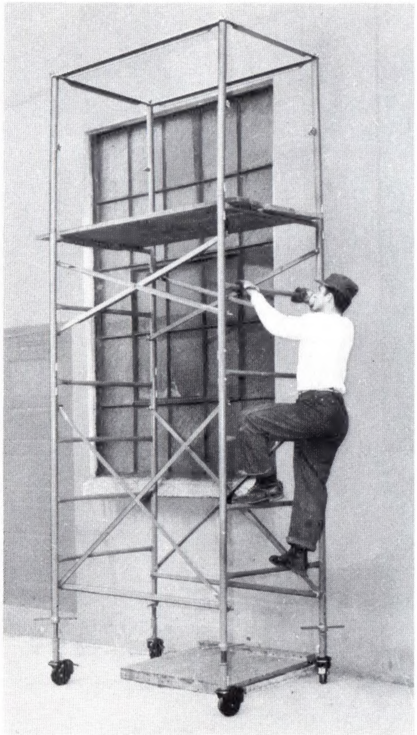
"Trouble Saver" Rolling Scaffolds are economical, because they can be erected to fit almost any job condition. For safety, workmen should never try to pull themselves along while on top of any rolling scaffold. Nor should rolling scaffolds be erected higher than permitted by governing codes, which usually require that the shortest base dimension be one quarter of the platform height.

Technical Data

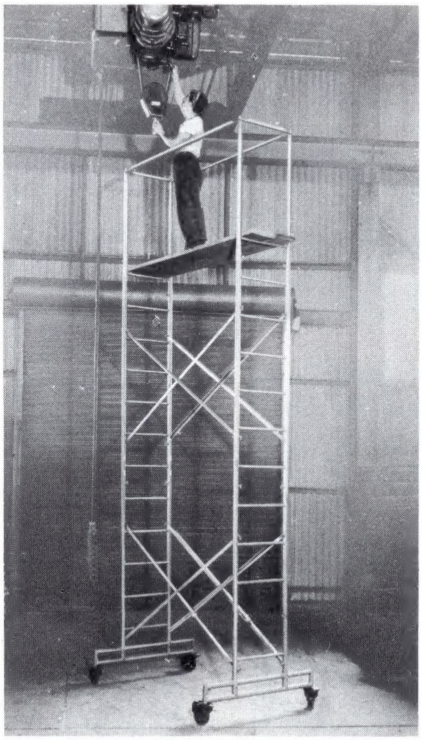
Sizes: 2′-wide Ladder Scaffold heights, 3′, 5′, 6′6″, 10′1″; 3′-wide Ladder Scaffolds, 3′, 5′, 6′6″ high.
Casters: Wide range of types, including 5″, 6″ or 8″ steel, canvas or duroc wheels, single, double or no brakes, with or without adjustable legs providing a height adjustment up to 12″.

Platforms: Masonite-covered platforms for 2′ and 3′-wide Ladder Scaffolds are available for 5′, 6′, 7′ and 10′ spacing.
Extension Bases: Made in 3′, 4′ and 5′ widths for increasing base dimension of 2′-wide Ladder Scaffolds; in 5′ width for 3′-wide Scaffold.

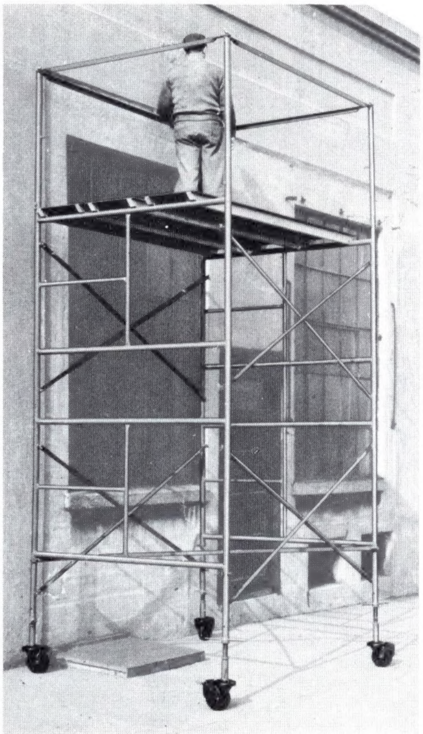
Typical Installations



3′-WIDE LADDER SCAFFOLD frames are joined by standard pivoted diagonal braces for various spacings. Guard rails assure maximum safety.



LADDER SCAFFOLDS are erected from 2′-wide or 3′-wide units of various heights. Bridging trestles available for 2′, 3′ and 5′-wide scaffolds to permit clearing obstructions.



SELF-CONTAINED ladder for climbing scaffold is provided when using 5′-wide S-type mason frames. Made in 3′, 4′, 4′6″, 5′ and 6′6″ heights.

"TubeLox"® Steel Scaffolding

FOR

- building repairs
- cornice removal
- concrete shoring
- hoist tower runways
- plant maintenance
- storage racks

SALES—RENTALS

For further details, see Bulletin PTS-18R.

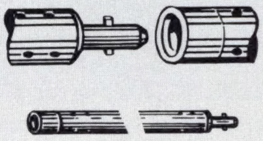
"TubeLox" Scaffolding is unquestionably "the most versatile scaffolding ever devised".

Uneven ground, extreme height, unusual shapes place no limitations on "TubeLox".

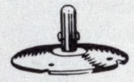
The key to the extreme versatility of "TubeLox" lies in the fact that vertical members can be placed any desired distance apart through the use of coupler connections.

The same is true of horizontal members, or bearers. The fact that both can be varied at will means that "TubeLox" will fit any shape.

Erection Procedure



"TubeLox" is furnished in various lengths. Locking device between members makes continuous tubes.

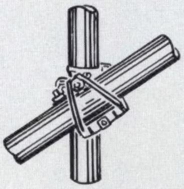


Standard base.

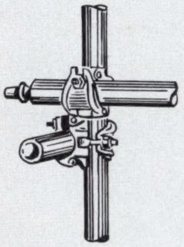
"TubeLox" Scaffolding is erected from four basic parts: Interlocking "TubeLox" tubes of various lengths, clamp-type couplers for joining tubes at right angles, adjustable couplers for other than right-angle connections, and bases (or casters for rolling scaffolds).

The only tool needed is a "TubeLox" wrench for tightening coupler bolts. A rule, a level and ladders will help in quick erection.

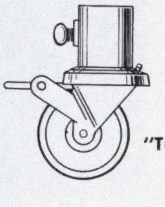
Special four-page, illustrated bulletin gives details on erection procedure.



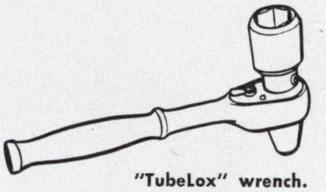
Diagonal connection with adjustable coupler.



Right angle connection with standard coupler.



"TubeLox" Caster.



"TubeLox" wrench.

Technical Data—

"TubeLox" Members: Galvanized, structural steel tubing or pipe, in standard sizes and weights listed below:

Lengths:	2" "TubeLox" (Tube)	2" "TubeLox" (Pipe)	2½" "TubeLox" (Pipe)
6′	14 lbs.	20 lbs.	27 lbs.
8′	19	26	35
10′	22	31	43
13′	28	39	54
16′	34		
18′	38		
20′	42		

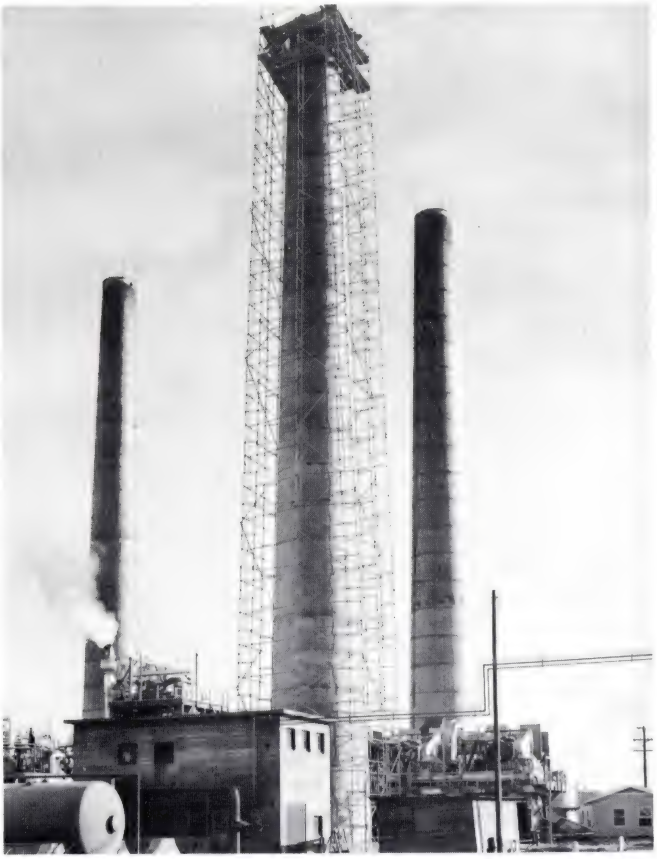
Bases: Malleable iron castings, 7¾" diameter, galvanized. Weight: 4½ lbs.

Couplers: Drop forged steel, except for hinge pins. All parts of standard and adjustable couplers are galvanized. Safe holding power of all couplers is 2,500 lbs.

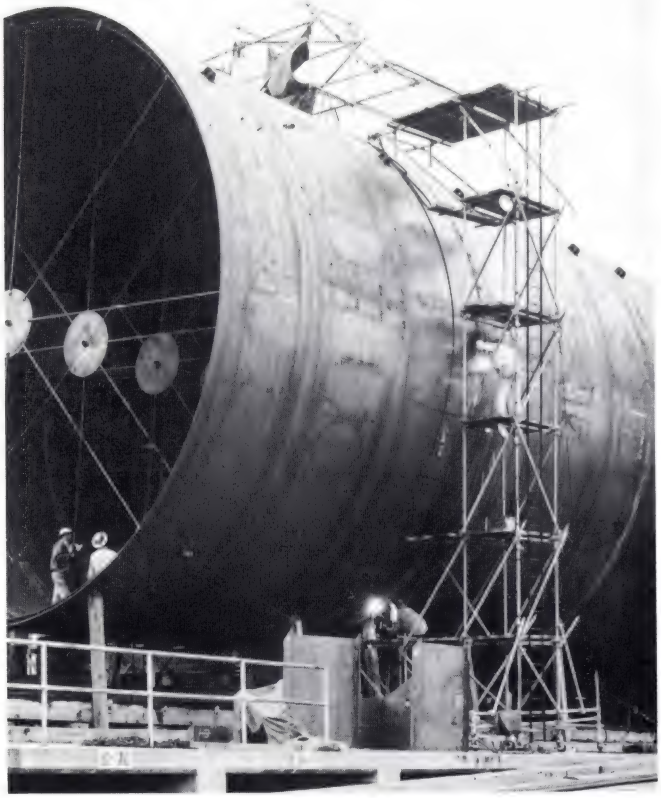
Size	1⅝" x 1⅝"		1⅝" x 2"		2" x 2"		2" x 2½"		2½" x 2½"	
Type	Std.	Adj.	Std.	Adj.	Std.	Adj.	Std.	Adj.	Std.	Adj.
Weight	2¾	3½	3	3½	4½	5	5	5½	5¾	6

Aluminum "TubeLox": Tubular members 6′, 8′, 10', 13′, 16′, 18′, 20′, 6063-T6 aluminum alloy, 1.9″ o.d., 1.610″ i.d., weight, .939 lbs. per ft. without fittings; male and female fittings are aluminum; bases and standard and adjustable couplers are aluminum, except for steel nut, catch bolt and coupler rivets, which are galvanized steel.

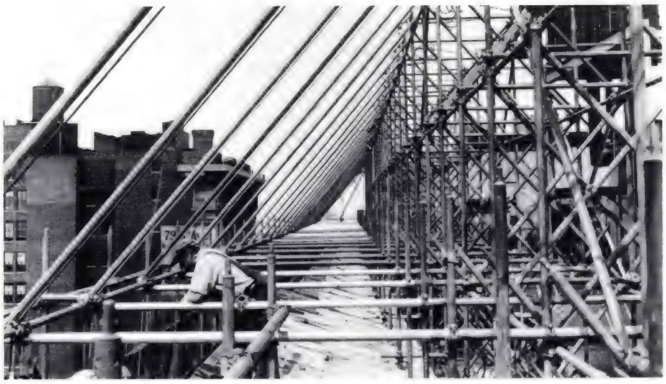
Typical Installations . . . "TubeLox" Steel Scaffolding



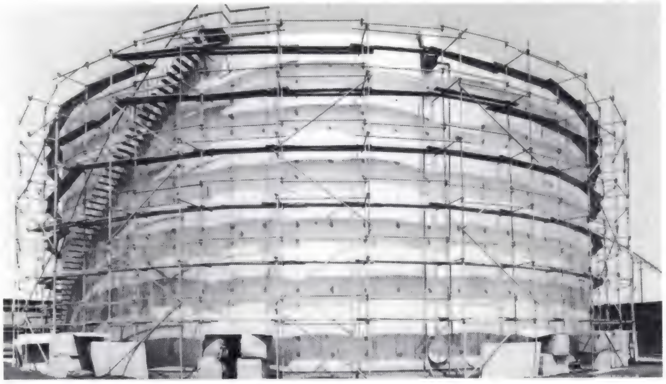
EXTREME HEIGHTS are no problem with "TubeLox" Scaffolding. This maintenance scaffold around a western refinery chimney is a good example.



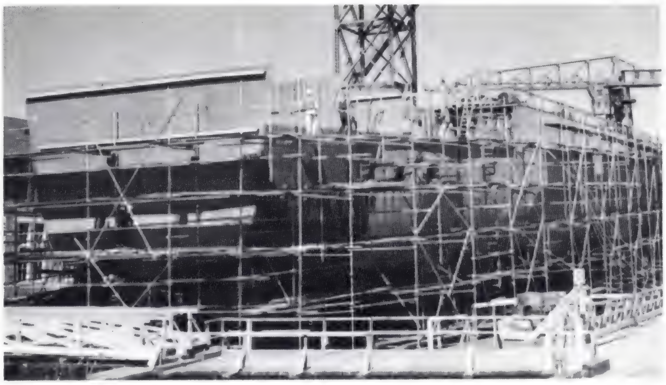
STANDARD COMPONENTS, plus casters instead of base plates, can be used to make "TubeLox" Rolling Scaffolds for many types of construction or industrial work.



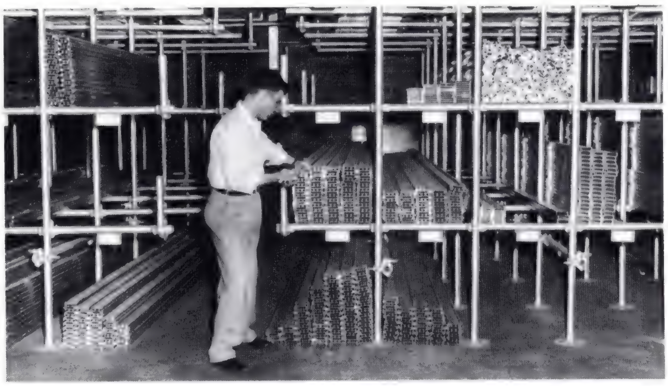
CORNICE REMOVAL on tall building is simplified by this "TubeLox" Scaffold "hung" by steel cables which run up over towers anchored to roof of building.



ODD SHAPES are easily scaffolded with standard "TubeLox" components. Six working levels 6'6" high were erected for application of insulation.



SHIPYARDS find "TubeLox" Scaffolding ideal for both new construction and repairs. It conforms readily to all shapes.



STORAGE RACKS, with bays adjustable for any height or width, can easily be disassembled and relocated in another part of a plant or construction project.

"Trouble Saver"® Sectional Steel Shoring

FOR

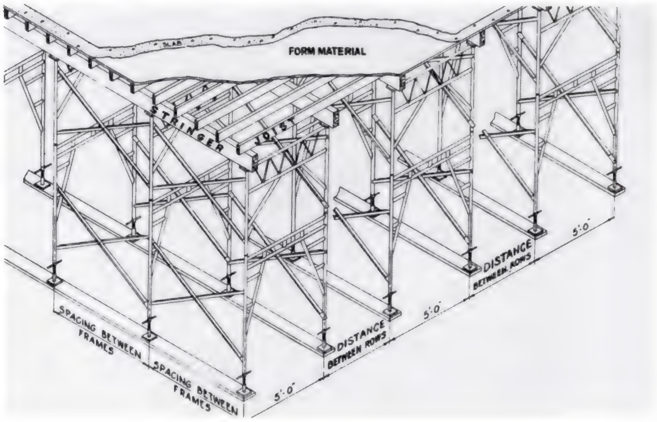
flat slabs
slabs with drop heads
pan joists
poured arches
beams
bridge spans and piers

SALES—RENTALS

For further details see Bulletin PSS-33. Approved by Underwriters' Laboratories, Inc.

Sections for "Trouble Saver" Sectional Shoring are as simple to erect for shoring as they are for scaffolding. The same familiar components—base plates, adjustable extension legs, welded frames and diagonal braces—are assembled quickly under job conditions. "Trouble Saver" Shoring has seven important advantages: 1) Sections are entirely free standing 2) ease of erection 3) lumber economy, because top plates, T-heads and U-heads permit lapping of stringers 4) quickly adjustable to proper height 5) frames provide built-in scaffold 6) can be rolled from pour to pour 7) individually designed layouts provided.

Erection Procedure—



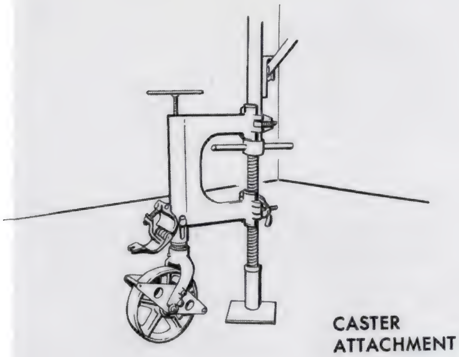
Technical Data—

Engineering layouts for "Trouble Saver" Sectional Steel Shoring are made to support, with an adequate factor of safety, the thickness of concrete involved.

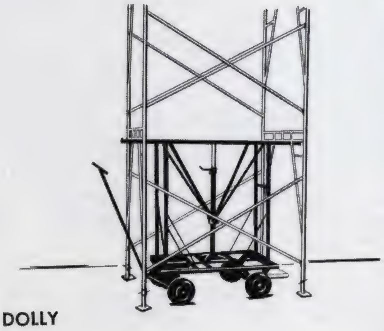
This determines the spacing between frames, the spacing between rows of frames, amount of adjustment on the screw legs and the type of frame used.

VERSATILITY of "Trouble Saver" Shoring is here demonstrated by its use in supporting forms for 270'-diameter canopy for a municipal auditorium.

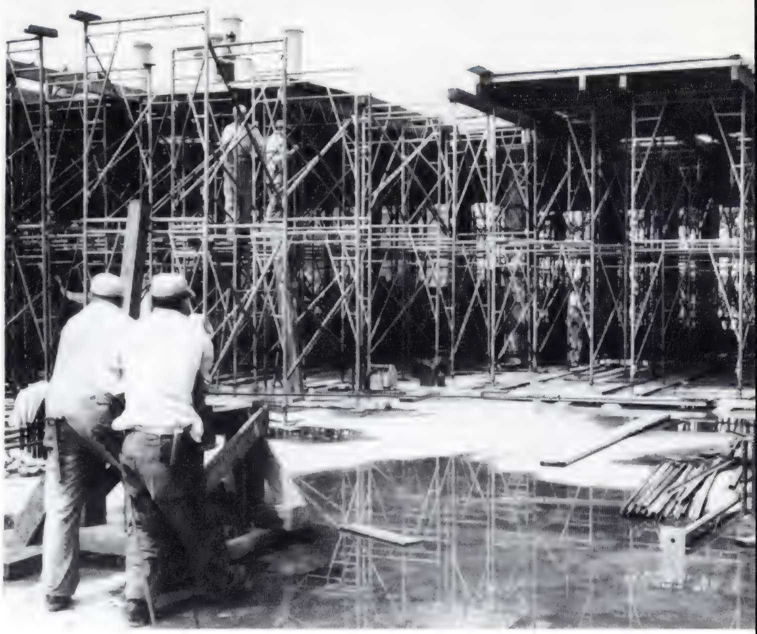
Typical Installations . . . "Trouble Saver" Sectional Shoring



CASTER ATTACHMENT

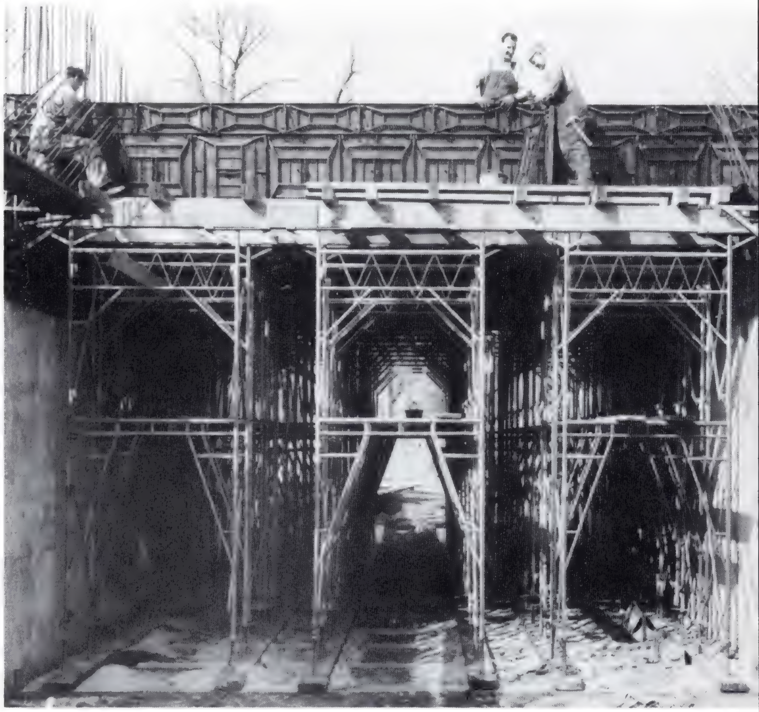


SHORING DOLLY



SLIDING SHORING system eliminates much of the disassembling and reassembling shoring. On this job 720 sq. ft. units were slid three times on wood sills by means of hand winch.

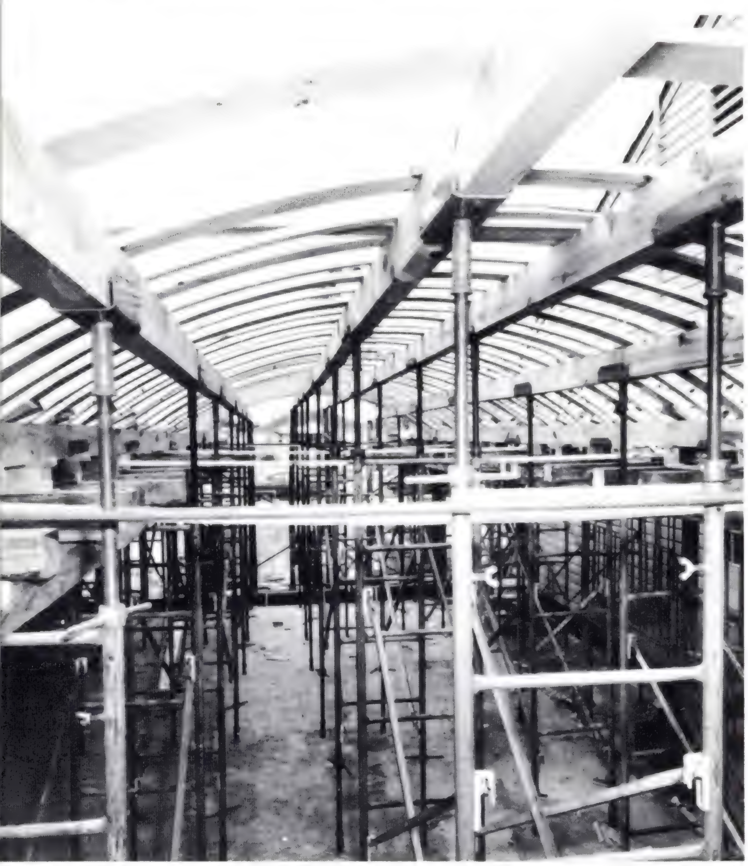
MOVEABLE SHORING also is achieved by using the caster attachment or the shoring dolly, both available through PS Co. Both devices move complete shoring units, with forms in place.

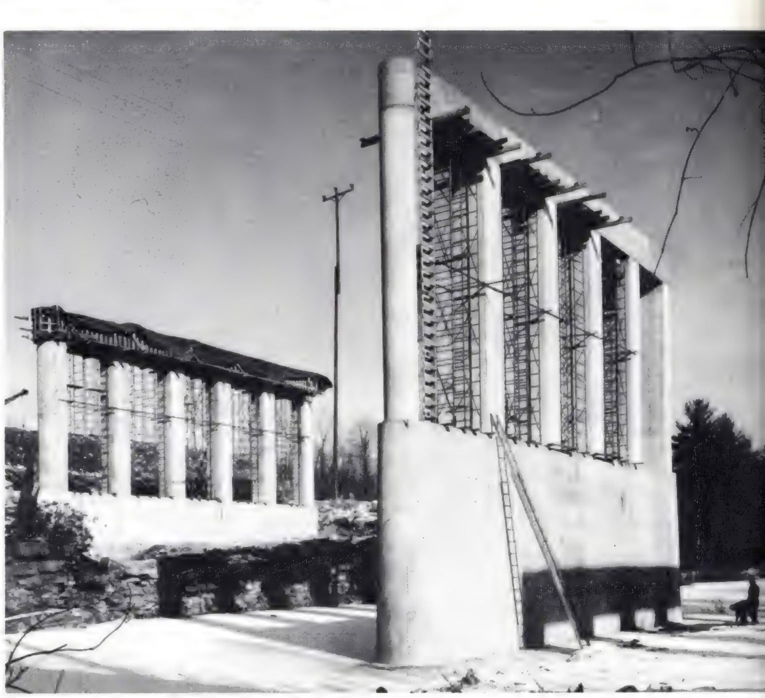


BRIDGE SHORING is one of the more important applications for "Trouble Saver" frames. Closely-spaced frames easily handled the load on this overpass.

BUILT-IN SCAFFOLD is provided by "Trouble Saver" Shoring frames. Planking is placed on head piece of lower frame. This system speeds up stripping of forms.

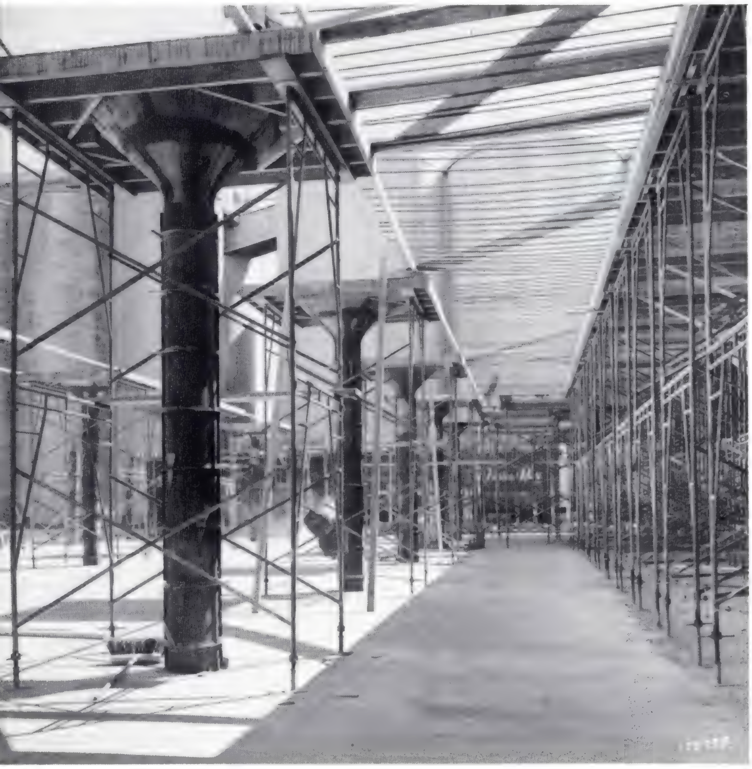
Typical Installations . . . "Trouble Saver" Sectional Shoring





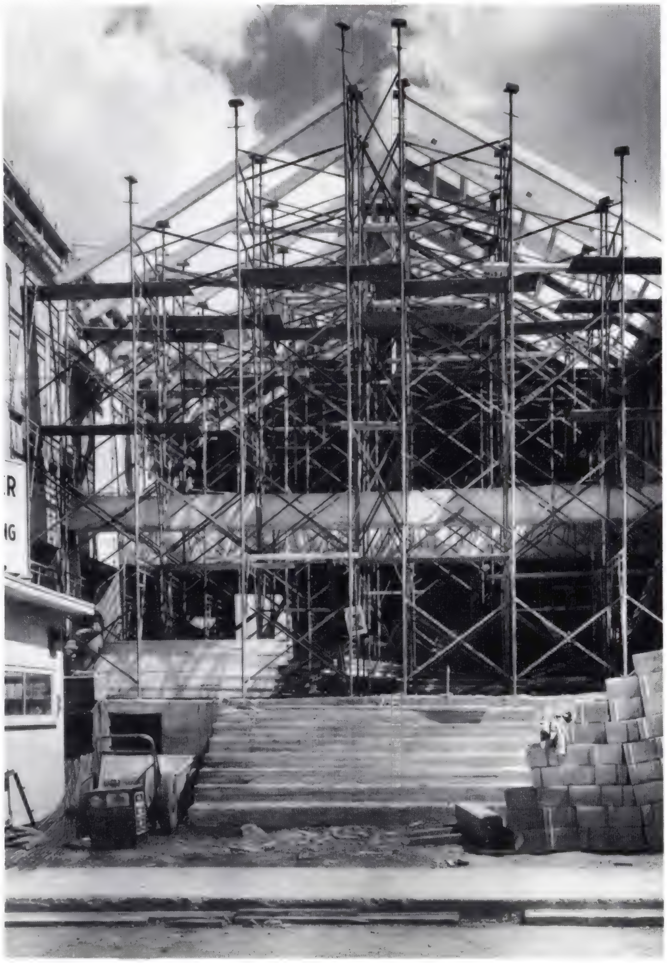
LADDER SCAFFOLDS provide neat, easy-to-erect shoring of forms of one of several bridge pier caps. In this case frames are placed 3' apart to support 3'6"-wide by 4'-thick concrete.

ARCHED ROOF of this school building is accurately formed by 4 x 6 stringers set in U-heads set in 2'-wide "Trouble Saver" Shoring frames.

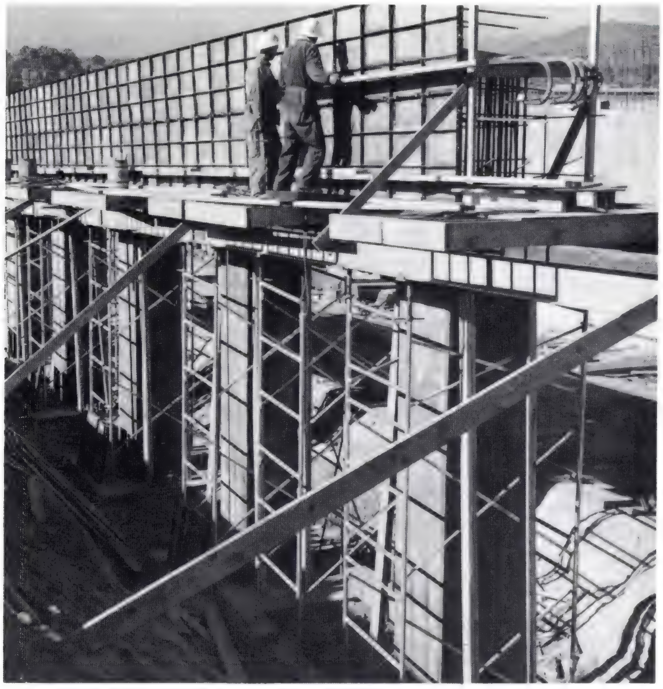


DROP HEADS are easily shored with "Trouble Saver" units, as photo shows. More than 100 such drop heads were shored in this manner on a midwestern warehouse job.

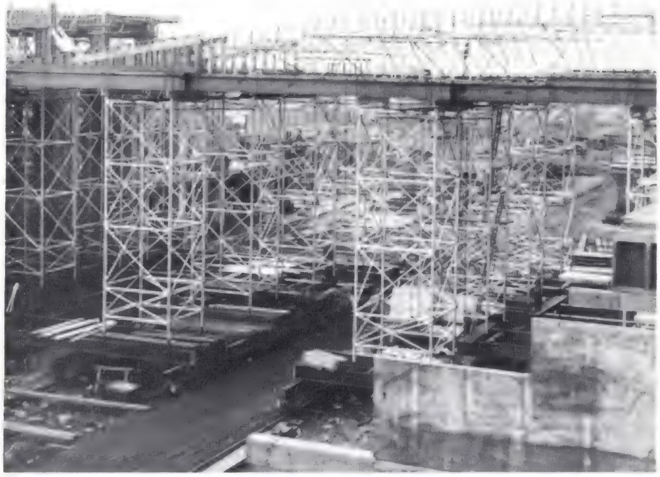
PEAKED ROOF of church is shored with 542 "Trouble Saver" frames, spaced 2'6" apart under ridge and 5' apart under 14" x 30" concrete beams and 4" slab.



Typical Installations . . . "Trouble Saver" Sectional Shoring



HEAVY DUTY "Trouble Saver" frames, for use in supporting forms on highway, bridge and other heavy construction, are 4' wide. They are available in 3', 4', 5' and 6' heights, with a complete line of accessories.



EXTRA HEAVY DUTY shoring equipment, shown here supporting forms for 100'-long clear-span beam, is also available for special work.

Burton's Steel Single Shores

Technical Data—

Size	Adjustment From	Adjustment To	Amt. of Adjustment	Safe working Fully Closed	Capacity Fully Extended
#1	5'7"	9'10"	4'3"	14,500#	5,100#
#2	6'7"	10'10"	4'3"	10,500#	5,450#
#3	8'2½"	12'5½"	4'3"	8,300#	4,700#
#4	11'	16'	5'	5,300#	2,400#

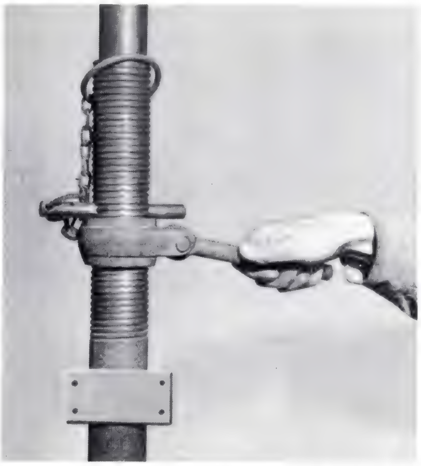
Safety factor of 3

SALES—RENTALS

For further details see Bulletin M2R.

In certain types of construction Burton's Single Steel Shores are ideal. They have eight adjusting holes for rough adjustments. The convenient 8" handle permits close adjustments. Plates mounted on shores permit easy longitudinal bracing. **Base plate and head** measure 7" x 7". **U-heads** are 8" or 14" long, and fit into top of shore without disassembly.

TYPICAL INSTALLATION shows Burton's Shores being used to support forms for 9' ceiling slab 4" to 7½" thick.



BURTON'S SHORES have adjusting holes, 5½" apart, for rough adjustments. Turn the convenient 8"-long handle for close adjustments.

"Gold Medal" Safety Suspended Scaffolding Machines

FOR

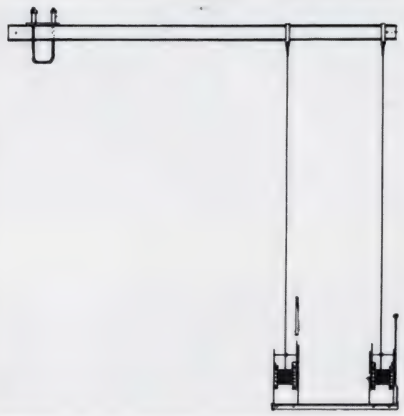
- all types of masonry construction
- stucco work
- stone setting
- demolition

For further details see Bulletins SS-5, SS-2.

Approved by Underwriters' Laboratories, Inc.

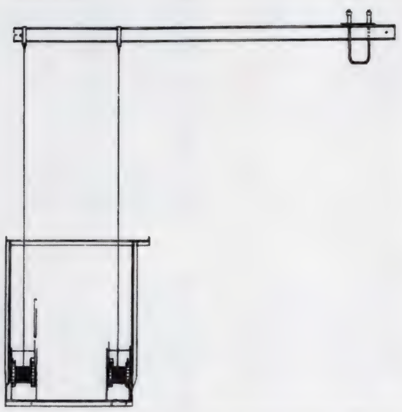
"Gold Medal" Safety Scaffolding Machines provide a firm, safe platform adjustable to any working height. The hazards of wooden scaffolding are eliminated. Workmen are fully protected because of positive locking mechanism, accessibility of working parts and use of selected materials. Adjustability of scaffolds to bench-high location of work produces increased efficiency and improved workmanship. Work proceeds faster, resulting in extra profits and economy.

Erection Procedure



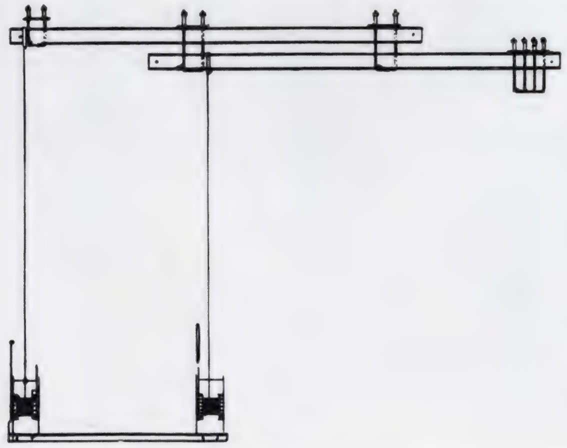
"STANDARD" MACHINES
With Guard Rail Supports

THESE Machines provide a scaffold 5′ wide, adaptable for use on buildings having stories of normal height so that material may be delivered to the scaffold from the floors.



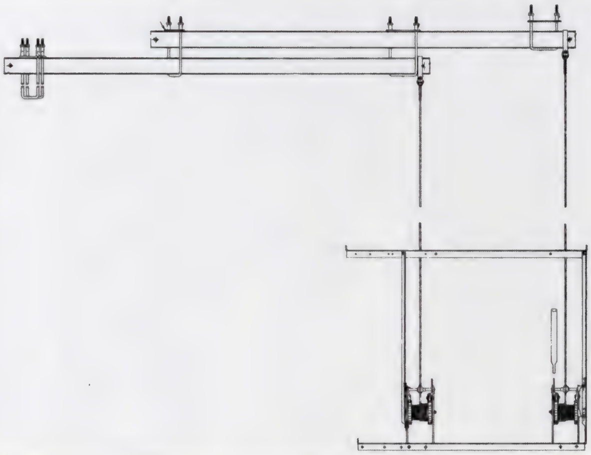
"STANDARD" MACHINES
With Overhead Protection Attachments

OVERHEAD protection attachments are three-piece angle iron frames for supporting a covering over the scaffold.



"WHEELING" MACHINES

THESE Machines provide an 8′-wide wheeling scaffold, particularly adaptable for use where there are unusually high floors and where materials are hoisted and distributed in wheelbarrows directly from hoist to scaffold.



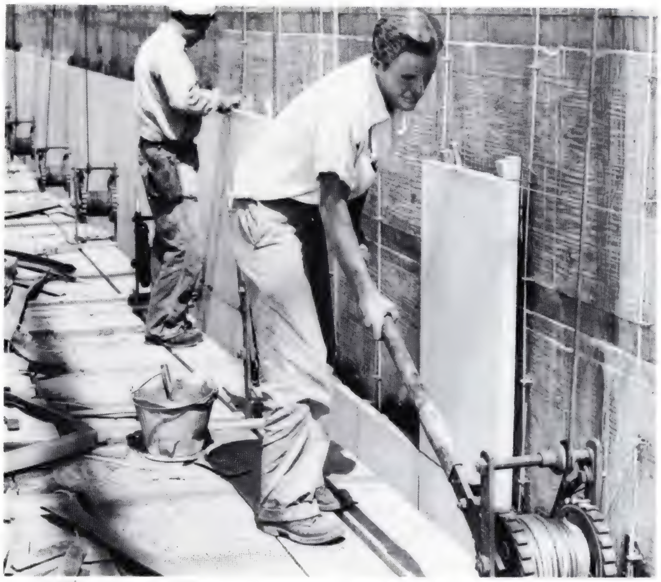
EXTRA-HEAVY-DUTY MACHINES

THESE Machines provide an 8′-wide platform adequate to support the increased loads resulting from palletized masonry materials and mortar buggies. The inboard Machines are set back from the wall 10″ or 20″.

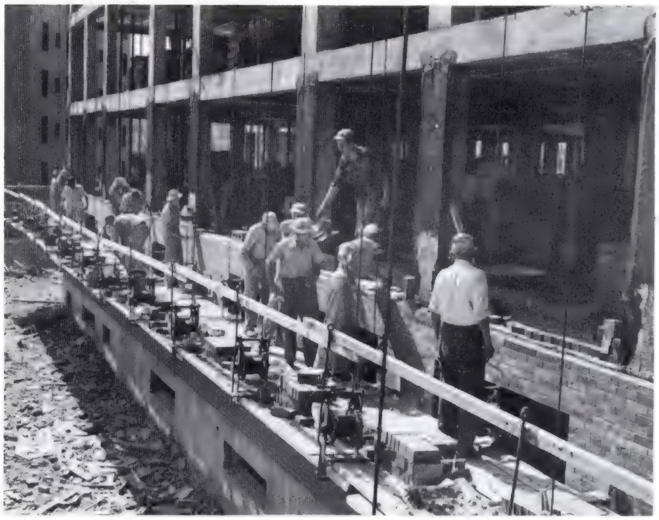
Technical Data—

I-beams: 7″ 15.3# x 15′ steel.
Wire Rope: For "Standard," "Wheeling" and Extra-Heavy-Duty Machines, 100′ or 150′ of ½″ galvanized, high-strength steel wire rope.

Typical Installations . . . "Gold Medal" Safety Suspended Scaffolding Machines

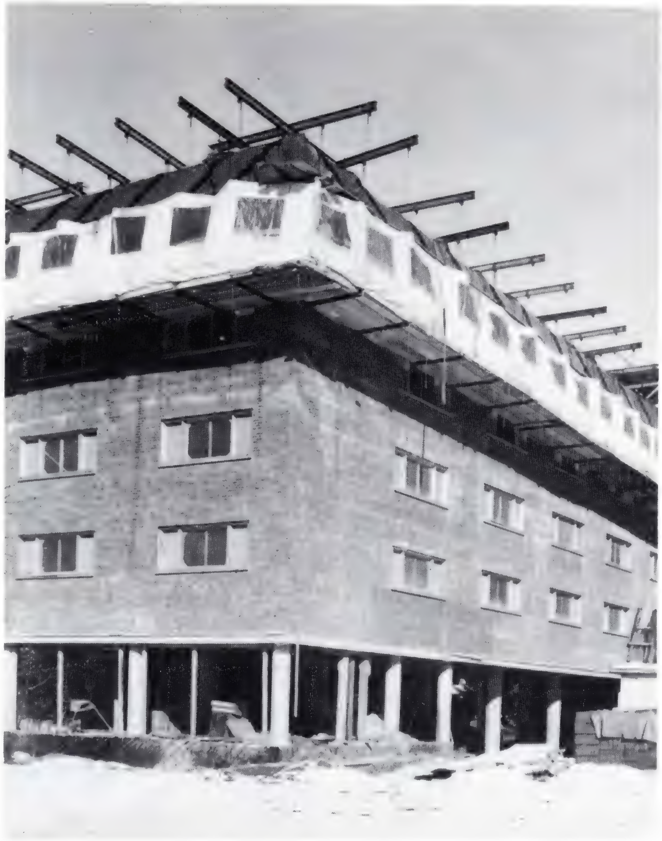


WHEELING MACHINES provide level, 8′-wide platforms particularly suitable to application of terra cotta facing and other types of work.

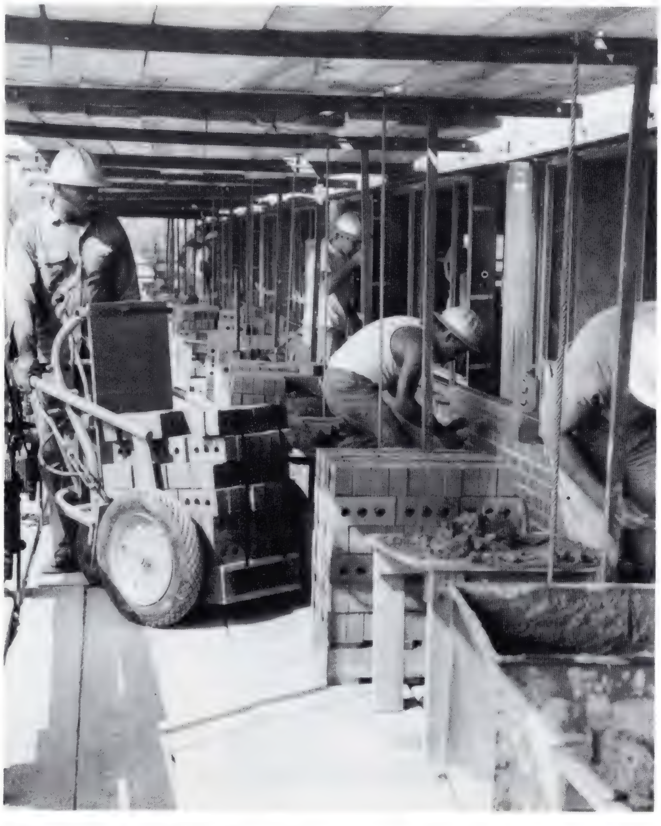


STANDARD MACHINES make this 5′-wide platform, quickly adjustable to proper working height as walls rise.

RENTAL SERVICE maintenance keeps Machines in top condition. Wire rope unwinding and inspection is only one of many operations.



WORK CONTINUES despite cold weather when "Gold Medal" Safety Suspended Scaffolds are enclosed and heated with any of several modern devices.



EXTRA-HEAVY-DUTY Machines allow plenty of room for delivery of palletized materials and a clear working area for masons. See Bulletin G207.

"Gold Medal" Junior Safety Swinging Scaffolds

FOR

pointing up and
washing down masonry
painting
setting stone
cement gun work
glazing

SALES—RENTALS

For further details see Bulletin J-6. Approved by Underwriters' Laboratories, Inc.

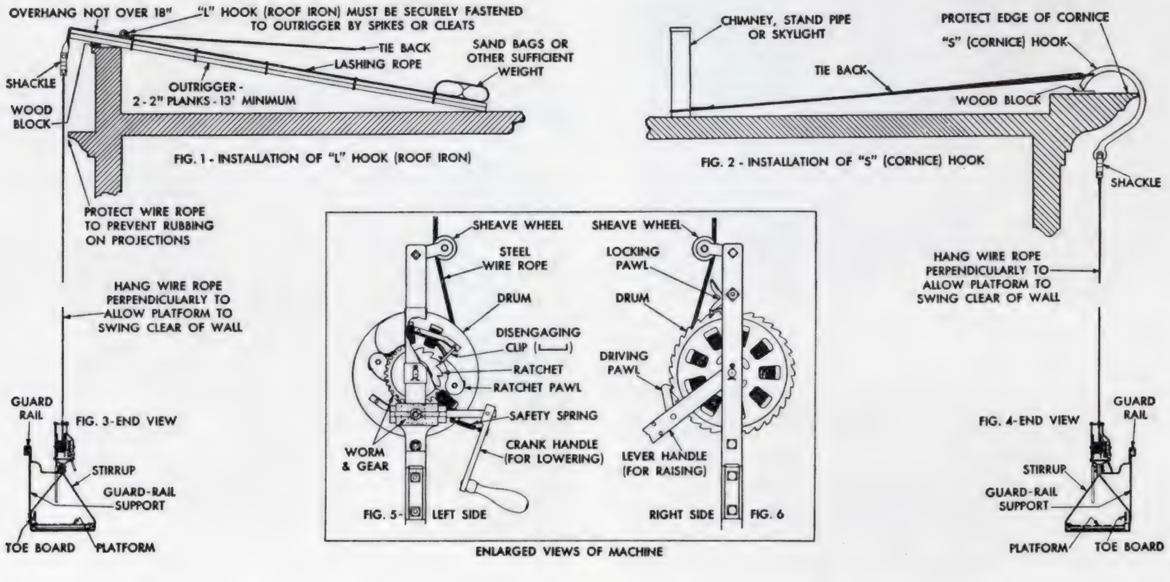
Give your workmen the protection of steel wire rope, with "Gold Medal" Junior Safety Swinging Scaffolds, and end the constant danger of failure of manila rope or the hitches giving way.

These Scaffolds, designed for safety, are suspended from galvanized steel wire rope, and are raised and lowered by light-duty Machines.

The Machines are light and compact, easy to install and operate. Junior Machines have a dual mechanism—a direct ratchet for raising and a worm and gear for lowering. The ratchet assures speed in raising, the worm and gear smooth operation and safety in lowering.

Designed more than a quarter of a century ago to provide a safe scaffold, "Gold Medal" Juniors have undergone many improvements since then. They have a record of satisfactory service to the building construction and maintenance trades.

Erection Procedure


OVERHANG NOT OVER 18"
"L" HOOK (ROOF IRON) MUST BE SECURELY FASTENED TO OUTRIGGER BY SPIKES OR CLEATS
TIE BACK
LASHING ROPE
SAND BAGS OR OTHER SUFFICIENT WEIGHT
SHACKLE
WOOD BLOCK
OUTRIGGER - 2 - 2" PLANKS - 13' MINIMUM
FIG. 1 - INSTALLATION OF "L" HOOK (ROOF IRON)
PROTECT WIRE ROPE TO PREVENT RUBBING ON PROJECTIONS
HANG WIRE ROPE PERPENDICULARLY TO ALLOW PLATFORM TO SWING CLEAR OF WALL
GUARD RAIL
FIG. 3-END VIEW
STIRRUP
GUARD-RAIL SUPPORT
TOE BOARD
PLATFORM
CHIMNEY, STAND PIPE OR SKYLIGHT
PROTECT EDGE OF CORNICE
"S" (CORNICE) HOOK
TIE BACK
WOOD BLOCK
FIG. 2 - INSTALLATION OF "S" (CORNICE) HOOK
SHACKLE
HANG WIRE ROPE PERPENDICULARLY TO ALLOW PLATFORM TO SWING CLEAR OF WALL
FIG. 4-END VIEW
GUARD RAIL
STIRRUP
GUARD-RAIL SUPPORT
PLATFORM
TOE BOARD
SHEAVE WHEEL
STEEL WIRE ROPE
DRUM
DISENGAGING CLIP (⊔)
RATCHET
RATCHET PAWL
SAFETY SPRING
WORM & GEAR
CRANK HANDLE (FOR LOWERING)
FIG. 5- LEFT SIDE
SHEAVE WHEEL
LOCKING PAWL
DRUM
DRIVING PAWL
LEVER HANDLE (FOR RAISING)
RIGHT SIDE FIG. 6

ENLARGED VIEWS OF MACHINE

Technical Data—

Components: Scaffold consists of two Junior Machines, platform, center stanchion, guard rail, and two S- or L-hooks.

Wire Rope: For 100′, 150′ and 200′ drops, 5/16″ 6 x 19 galvanized mild plow steel; breaking strength approximately 5,800 lbs.

Platforms: Made of selected materials; 28″ wide, double steel-reinforced side-rails; equipped with hinged toe-boards; tie rods between side rails; 16′, 18′, 20′, 22′, 24′ in length; rung spacing 12″.

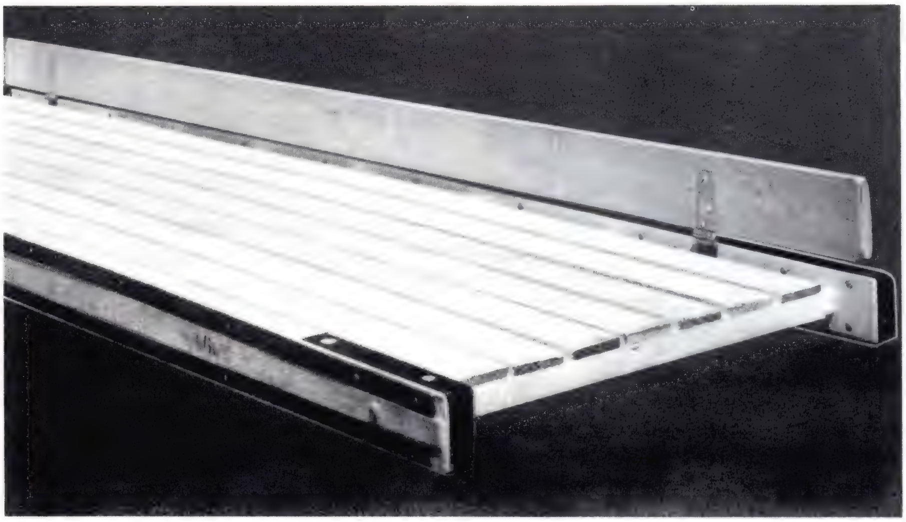
Load: Weight of men and materials not to exceed 500 lbs. per Scaffold, evenly distributed.

Aluminum Machine: Equipped with 150′ of ¼″ steel wire rope with breaking strength of approximately 3,700 lbs.; Weight 53 lbs.; raised and lowered by aluminum mechanism of same basic design as steel Machine.

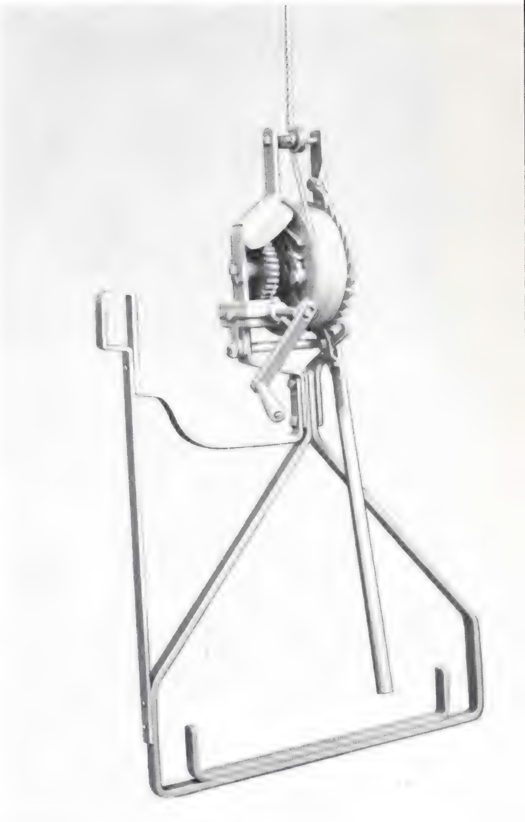
Typical Installations . . . "Gold Medal" Junior Safety Swinging Scaffolds

WASHING DOWN brickwork is safer when using Junior Scaffolds because acid solutions have minimum effect on galvanized steel wire rope.

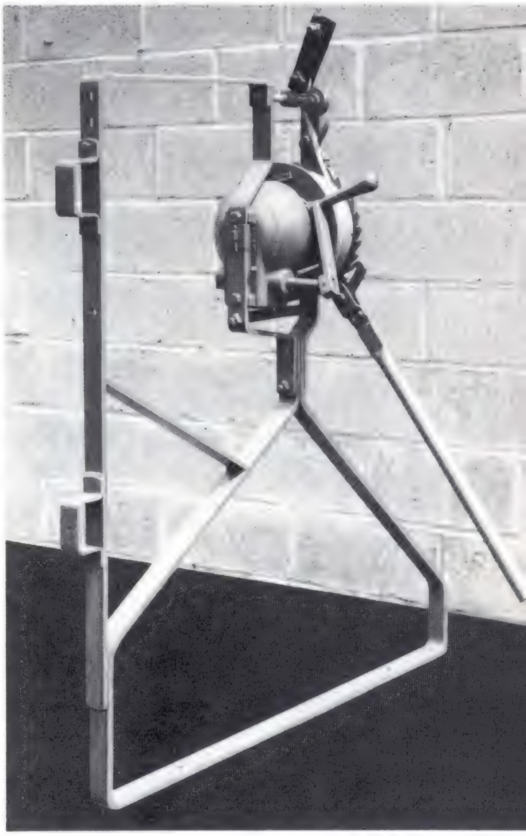
MONORAIL SYSTEM, supported by "TubeLox" Scaffolding, permits Junior Scaffolds and precast panels wide lateral movement.



PLATFORM for use with Junior Scaffolds is designed and built for maximum safety. These platforms are inspected, repaired and painted as necessary after each rental job.



MACHINE for Junior Swinging Scaffold: Note check which prevents platform from slipping out of stirrup.



ENCLOSED Junior Machine mechanism is designed to accommodate overhead protection frames; makes Scaffold ideal for light duty stone and masonry work.

"Gold Medal" Twin Drum Scaffolds

FOR

stone setting
stuccoing
building alterations
laying glass block

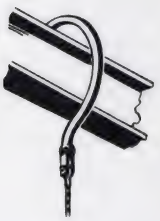
SALES—RENTALS

For further details see Bulletin J-5 (TD). Approved by Underwriters' Laboratories, Inc.

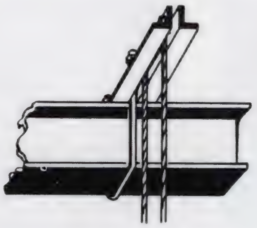
The Machines which raise and lower the "Gold Medal" Twin Drum Scaffold operate on a simple ratchet principle, unexcelled for safety and foolproof design. The operating mechanism is positively secured at all times by automatic locking pawls.

"Gold Medal" Twin Drum Scaffolds have four main advantages: 1) a clear working area unobstructed by scaffold stirrups 2) stability, assured by four-point suspension 3) safety, through the use of steel wire rope and the use of only top quality materials for construction of the platforms, 4) convenience, because workmen can walk from one Scaffold to another without going into building.

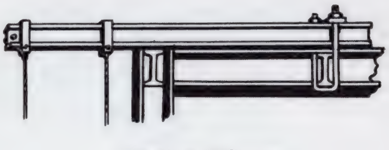
Erection Procedure—



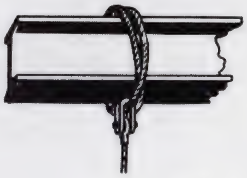
S-Hook



Angle Iron Bracket



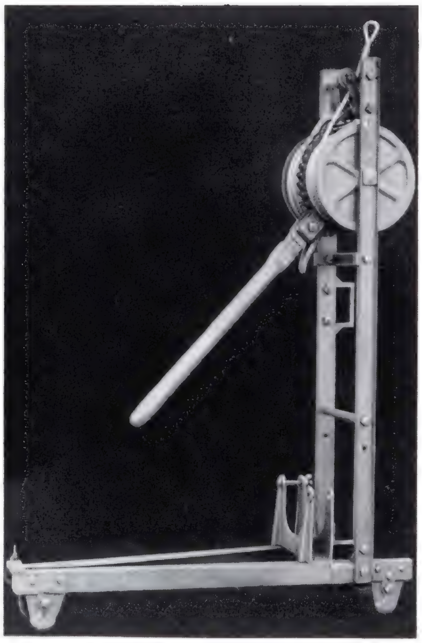
Outrigger I-beam



Sling

Typical Installations—

CLEAR WORKING AREA means that stone setters do not have to climb over obstructions. Hand rail and mid-rail assure maximum safety for workers.



MACHINE for Twin-Drum Scaffolds. Ratchet lever is used for both raising and lowering scaffold. Wire ropes are wound on separate drums and can be operated separately.

Technical Data—

Components: Scaffold consists of two Twin Drum Machines, platform, center rail, hand rail, center stanchion, roller bunters, and parts for overhead rigging.
Wire Rope: 100′ or 150′ lengths of 5/16″ 6 x 19 galvanized, mild plow steel; breaking strength approximately 5,800 lbs.
Platforms: Made of selected materials, 28″-wide, double steel-reinforced side rails, and hinged toe-boards; 16′, 18′, 20′, 22′ or 24′ long; rung spacing 12″.

"Gold Medal" Midget Safety Swinging Scaffold

FOR

painting
glazing
other light duty work

For further details see Bulletin J-9(M) Approved by Underwriter's Laboratories, Inc.

To speed up your painting, glazing, cleaning, or other light-duty operations . . . with greater safety, efficiency and economy . . . use the "Gold Medal" Midget Safety Swinging Scaffold, a midget in size, a giant in safety.

Machines have a dual mechanism . . . a pinion gear for speed in raising, and a worm and gear for smooth operation and safety in lowering. All parts exposed and accessible for inspection at all times.

Technical Data—

Components: Scaffold consists of two Midget Machines (winches), platform, center stanchion, guard rail and S- or L-hooks.

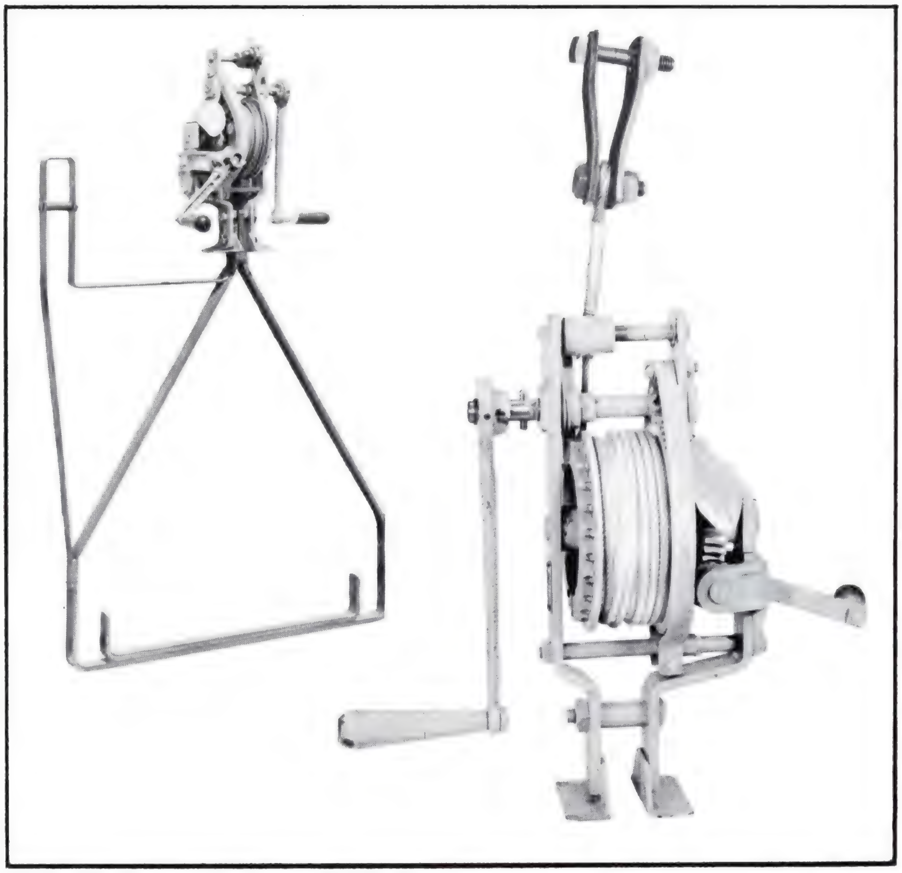
Wire Rope: 75′ of ¼″ 6 x 19 galvanized mild plow steel; breaking strength of 3,700 lbs.

Stirrups: 20″, 24″ or 28″ wide; bolted to operating mechanism.

Safety Features: Machines locked at all times to prevent slipping or running down by locking action of (a) steel locking pawls (b) worm and gear lowering mechanism and (c) safety crank handle.

Platforms: Selected stock, with double steel reinforced side-rails; hinged toeboards; 12′, 14′, 16′, 18′ and 20′ long; 20″, 24″ or 28″ wide.

Load: Weight of men and materials must not exceed 400 lbs. per Scaffold, evenly distributed.



OPERATING MECHANISM of "Gold Medal" Midget Scaffold. Winch mechanism may be removed from stirrup for easy transportation if desired.

MIDGET Scaffolds are widely used in refinery maintenance operations. Units shown here have special guard rails.

ONE-MAN Safety Cage is raised and lowered by Midget Scaffold winch mechanism. 2″ o.d. aluminum alloy tube, plywood platform. Weighs 100 lbs.

"Gold Medal"® Steel Hoist Towers

FOR

concrete
brick
other materials

SALES—RENTALS

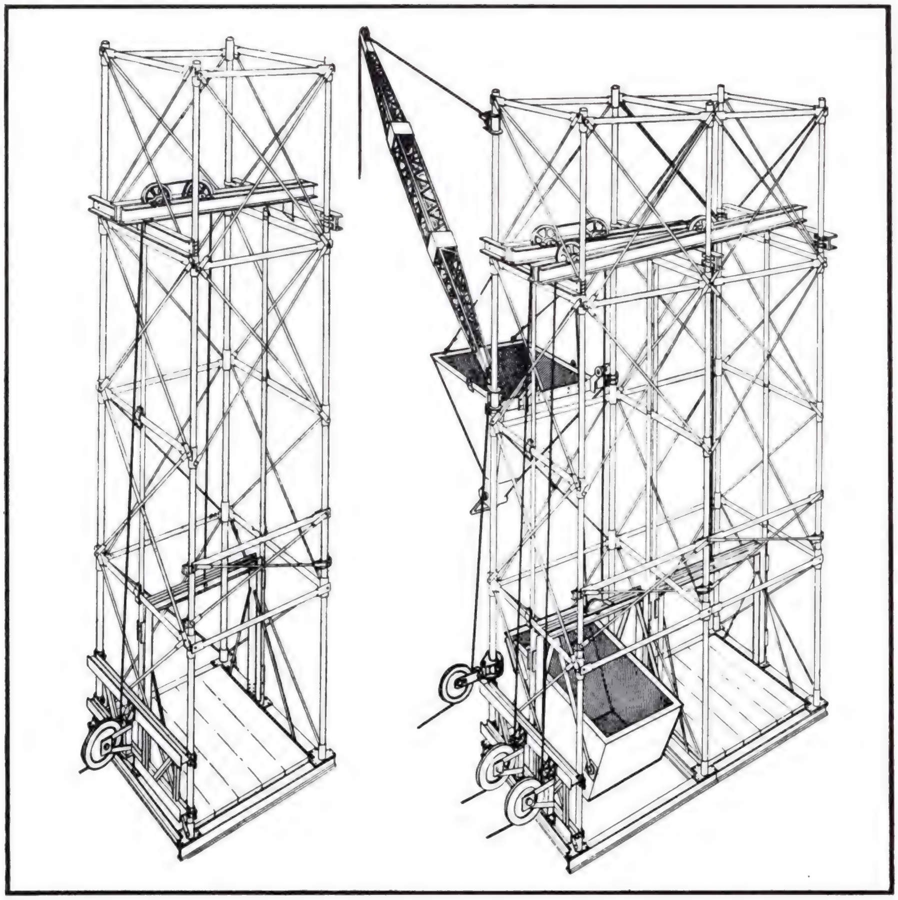
For further details see Bulletins HT-2R and HT-3.

"Gold Medal" Steel Hoist Towers have five main advantages: 1) safety, because tubular steel is far safer than wood, 2) efficiency, because most of the parts are interchangeable, 3) economy, because "prefabrication" cuts erection and dismantling time, 4) appearance, because clean-cut tubular members are the mark of good construction practice, 5) service, because "Gold Medal" Towers are available for immediate deliveries.

Technical Data—

Height of Sections: 6′6″.
Maximum height: 851′6″ (get special instruction for higher Towers).
Live load capacity: 5,000 lbs.
Concrete bucket: 18, 28 and 35 cu. ft. sizes available.
Concrete Hopper: 30 and 45 cu. ft. sizes available.
Platform sizes: Single towers, 5′7″ x 5′8″ for two wheelbarrow or 1 concrete cart; 7′3″ x 5′8″ for three barrow or two concrete carts; double towers, two barrows or one cart each, 5′7″ x 5′8″ and 5′2⅝″ x 5′8″; three barrows or two carts each, 7′3″ x 5′8″ and 6′10⅝″ x 5′8″.
Booms: Lattice type 20′ and 30′; tie-rod type, 20′ lengths; tubular, 12′ and 20′.
Dimensions of members: legs, 3″ pipe; horizontal girt, 2″ pipe; diagonal brace, 1″ pipe.

Erection Procedure—



Drawing at left shows cage, cathead and non-travelling sheave on single tower. One compartment of double tower at right is rigged for hoisting concrete, the other for materials. Double whip arrangement on bucket reduces hoisting speed by 50%, although it requires 50% less power. Refer special tower layouts to our Engineering Department.

Typical Installations—

RUNWAYS to each building floor are best constructed from "TubeLox" Scaffolding. They can be erected for either single or double Towers.

WORLD'S TALLEST chimneys, at Madison, Ind., were erected with the help of 728′6″-high "Gold Medal" Towers. Tower components were used as scaffolding.

"Trouble Saver"® Sectional Steel Hoist Towers

FOR

concrete
brick
other materials

SALES—RENTALS

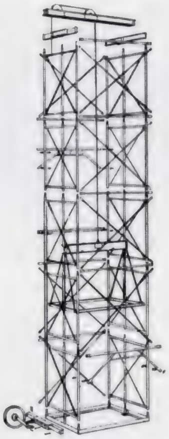
For further details see Bulletin HT-5.

"Trouble Saver" Sectional Hoist Towers, erected from prefabricated steel frames, braces and girts, fill the need for a lightweight hoisting unit with medium-duty capacity.

Erection Procedure—

Sections lock together when wing nut, on lower frames, is tightened. In addition, wing nuts secure diagonal brace and horizontal girt.

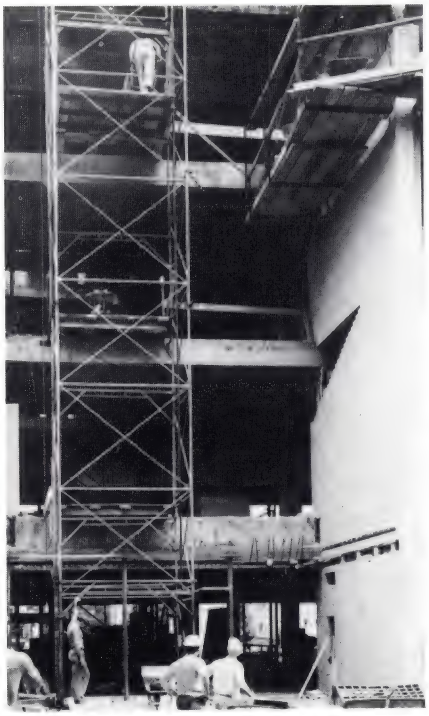
This assembly drawing shows how components or "Trouble Saver" Towers are used in erecting units of any height.



Technical Data—

Height of sections: 6′6″
Overall outside dimensions: 6′10½″ x 8′4½″
Overall Platform dimensions: 5′9″ x 7′ 5⅜″
Maximum Height: 130′ (Towers must be guyed to ground or tied, with steel cable, to building, and braced every two building floors or 26 feet.
Maximum load: 4,000 lbs., gross
Legs and guides: 1.90″ o.d. steel tubing.
Braces: 1.05″ o.d.
Girts: 1⅝″ o.d.
Concrete bucket: 18 cu. ft. maximum.
Concrete Hopper: 30 cu. ft. maximum.

Typical Installations—



PORTAL FRAMES provide plenty of headroom for wheeling off masonry materials.

GOING UP are three wheelbarrows, two of mortar and one of brick, on this 65′-high "Trouble Saver" Tower, being used in conjunction with "Trouble Saver" Sectional Scaffolding.

"Gold Medal" Steel Sidewalk Bridges

FOR

construction
repairs
refacing
cornice removal

SALES—RENTALS

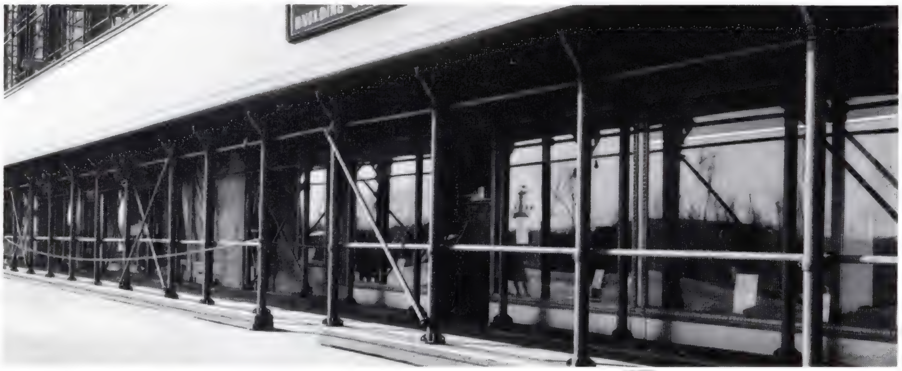
For further details see Bulletin SWB-1 and SWB-3.

The safety and public opinion factors are important in sidewalk bridge construction . . . important to civic associations, municipal authorities, building owners, architects and builders. Thousands of people see or pass under sidewalk bridges daily. Their opinion has far-reaching effect.

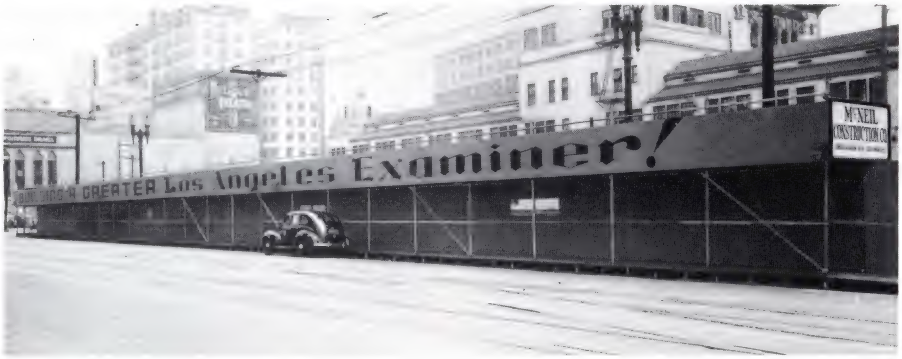
Therefore, specify "Gold Medal" Steel Sidewalk Bridges, the ideal solution to the entire problem, for maximum safety and neatness, minimum inconvenience to the public.

Technical Data—

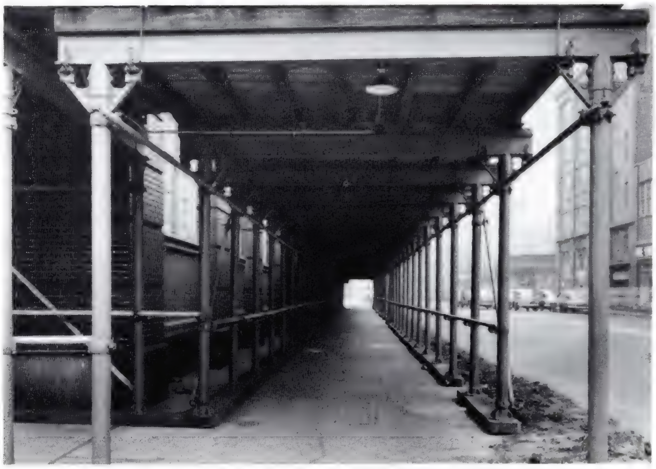
Posts: 4½" o.d., 8′ 8" high.
Headers: Standard 8" 25.5 lb. structural steel I-beams.
Standard Widths: 6′, 8′, 10′, 12′ center to center of columns; 8′ and 10′ c. to c., three columns across walk.
Joist Beams: Standard 6" 12.5 lb. structural I-beams.
Bent Connections: Rigidly connected to "TubeLox" Steel Scaffolding members.
Optional Features: 6′-high parapet on outer face and ends; 14′-high columns for driveway access.



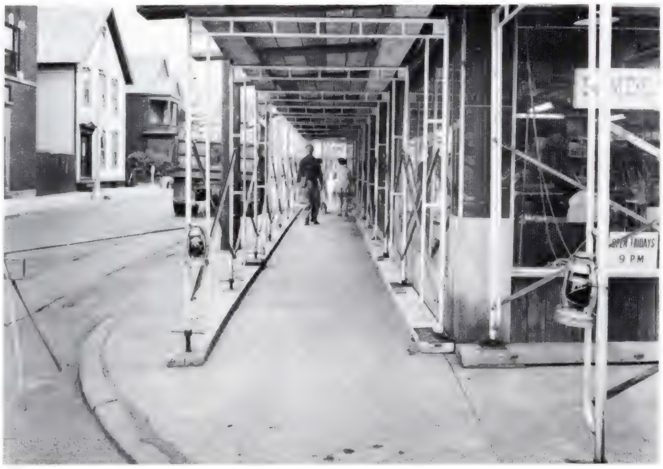
ONE OF THE MANY advantages of "Gold Medal" Steel Sidewalk Bridges is its great strength, permitting scaffolding to be erected on top.



LIGHT DUTY "TubeLox" Canopies can be equipped with parapets similar to those used on "Gold Medal" Sidewalk Bridges. They can become an excellent advertising medium.



HAND RAILS on both the building side and the outside of this "Gold Medal" Sidewalk Bridge assure maximum safety. Columns are usually set on 12" sills.



SIDEWALK CANOPY frames, 6′ wide and 7′6" high, assure maximum safety and convenience for pedestrians. For repairs and alterations, "Trouble Saver" Scaffolds may be erected atop canopy.

"Trouble Saver"® Scaffolding Accessories

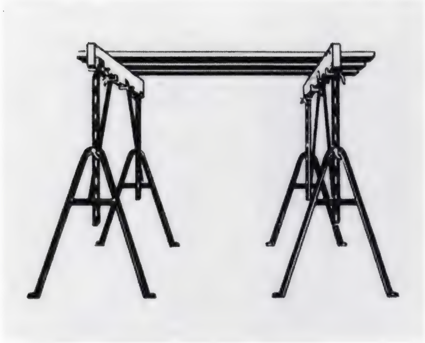
FOR

plastering
light construction
maintenance

For further details see Catalog M-R.

"Trouble Saver" Adjustable Steel Trestles

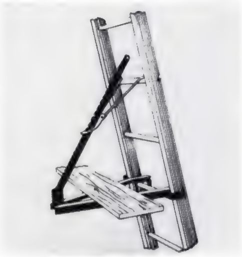
Size No.	Low Point	High Point	No. of Adjustments	For Working Heights	Leg Spread	Weight Lbs.
2	16″	22″	4	7⅓′ to 7¾′	13″	15½
3	2′	3′	5	8′ to 9′	17¼″	21½
3½	2½′	3½′	5	8½′ to 9½′	20½″	24½
4	3′	4¼′	6	9′ to 10¼′	23″	28
6	4′	6′	9	10′ to 12′	33½″	53
8	5½′	8′	11	11½′ to 14′	41″	74
10	6½′	10′	15	12½′ to 16′	41″	113
12	7′	12′	19	12′ to 18′	47″	153



"Trouble Saver" Mortar Board Stands

Compact, easily carried or stored, these steel "Trouble Saver" Mortar Board Stands are handy equipment for plasterers.
No. 1 18″ high, weight 29 lbs.
No. 2 30″ high, weight 32½ lbs.

Side Rail Type Ladder Jacks.
A new type of ladder jack which provides that added measure of safety by depending on ladder side rails for support. Wt. 24 lbs. per pair. Also "One Man" and "Jiffy" Ladder Jacks.

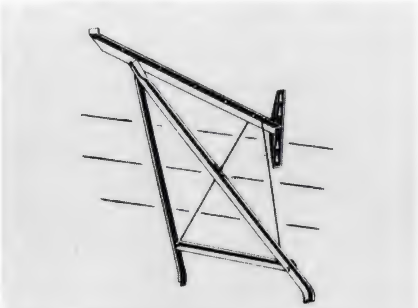


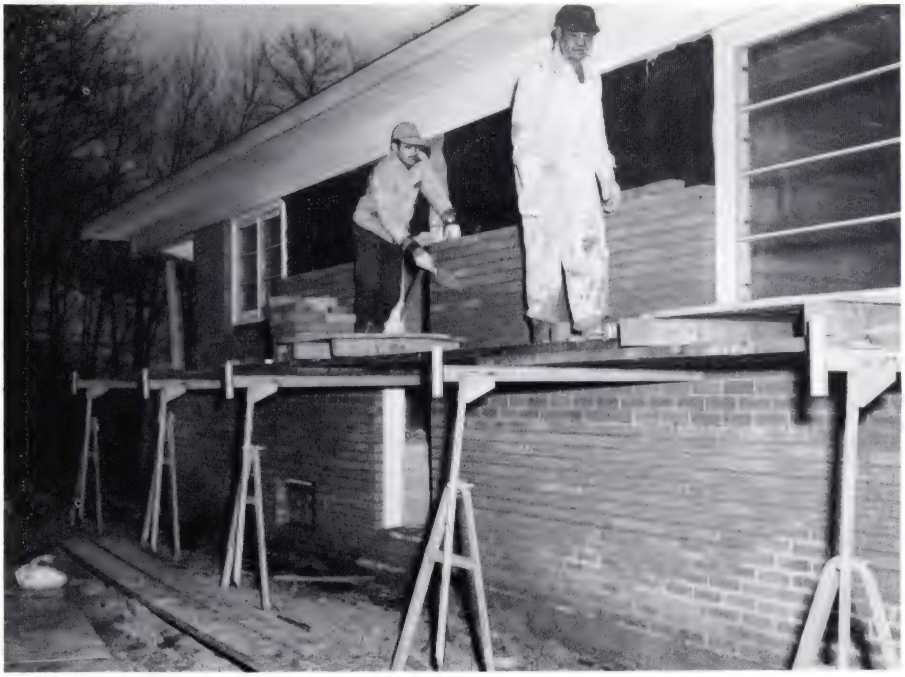
Scaffold Brackets

Held by four nails, 10, 16 or 20d, that's all. The two legs brace them at the right place.

Length	Weight Per Doz.
3 Feet	163 lbs.
3½ Feet	184 lbs.

Also studding Brackets, which hook around studding, and Bolt-Attached, where bolt passes through 2 x 4 between studs.





PUTLOG TRESTLES—For laying up brick, concrete or cinder block. Platform heights from 4′ to 6′. Nine height adjustments. Putlog is 5′ long. Leg spread 33″.

"Gold Medal"® Ladders

For further details see Bulletin L-94 or L-90-C

Knowing the importance of safe ladders in the industrial, utility and construction fields, the makers of "Gold Medal" Ladders have always produced high quality equipment, going far beyond the mere "safe point" of construction and design. These ladders meet or exceed safety code of American Standards Assn.

The first "Gold Medal" Ladder was made in 1879, and became the forerunner of a famous line of quality products. Some of the more widely used items in this complete line are shown on these two pages.

"Gold Medal" Safety Platform Step Ladder

Bears inspected ladder label of Underwriter's Laboratories, Inc.

Truss Rods: 3/16" dia., under every step, with special embossed washer.

Knee Braces: 18-gauge steel.

Front Rails: Nos. 5-12, 1" x 3¼"; 14-20, 1" x 3½". Best grade ladder stock.

Rear Rails: Nos. 5-20, 1⅛" x 2¼". Best grade ladder stock.

Steps: Nos. 5-12, 13/16" x 3¾"; 14-20, 13/16" x 4¼". Best grade ladder stock.

Rear Rungs: 1 5/32" dia.
Top: 13/16" x 6¾" x 18".

Rung Braces: 16 ga. steel stamping.
Sizes: 5', 6', 7', 8', 10', 12', 14', 16', 18', 20' (platform height 2' less in each case.)

Electric Step Ladder

Bears inspected ladder label of Underwriter's Laboratories, Inc.
Sides: 13/16" x 3¼".
Legs: 1⅛" x 2¼".
Steps: 13/16" x 3⅝".
Top: 13/16" x 5¾" x 16".
Rungs: 1 5/32" dia.
Sizes: 4' to 16'.

Samson Step Ladder

Bears inspected ladder label of Underwriter's Laboratories, Inc.
Sides: 13/16" x 3".
Legs: 13/16" x 1¾".
Steps: 13/16" x 3½".
Top: 13/16" x 5½" x 16".
Sizes: 3' to 10'.

Underwriter Step Ladder

Bears inspected ladder label of Underwriter's Laboratories, Inc.
Sides: 4'-12' sizes, 13/16" x 3⅝"; 14'-20' sizes, 1 1/16" x 3½"; **Legs:** 1⅛" x 2¼".
Steps: Up to 12', 13/16" x 3¾"; over 12', 13/16" x 4¼".
Top: 13/16" x 7¾" x 16".
Rungs: 1 5/32"; **Sizes:** 4' to 20'.

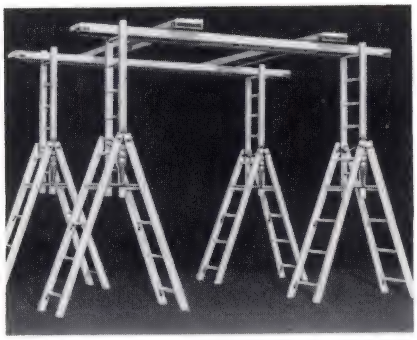
Utility Step Ladder

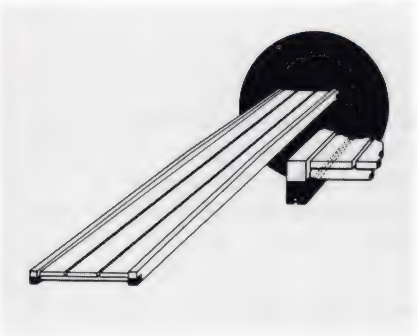
Bears inspected ladder label of Underwriter's Laboratories, Inc.
Sides: 13/16" x 3¼".
Legs: 13/16" x 2".
Steps: 13/16" x 3½".
Rungs: 1 5/32".
Sizes: 3' to 12'.

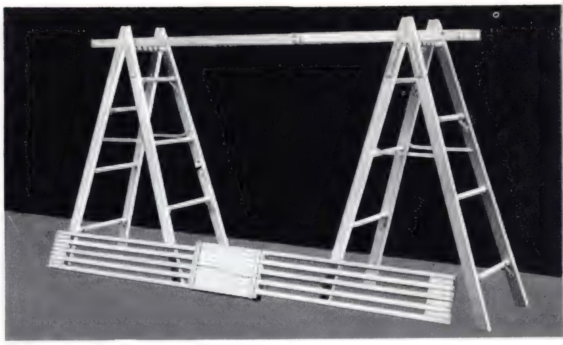
Super/Craft Extra-Heavy Duty Step Ladder

Bears inspected ladder label of Underwriter's Laboratories, Inc.
Sides: 1⅜" x 2¾".
Steps: 13/16" x 3¾".
Legs: 1⅜" x 2¾".
Top: 13/16" x 6¼" x 17".
Rungs: 1 5/32"; **Sizes:** 4' to 12'.

"Gold Medal" Ladders







"Gold Medal" Safety Extension Trestles

Bears the inspected ladder label of Underwriter's Laboratories, Inc. **Adjustments:** Every 10″; **Side Rails:** 6′-12′, 1⅜″ x 2¾″; 14′-16′, 1⅜″ x 3″; **Center Rails:** 6′-16′, 1⅜″ x 2¾″; **Brace:** 12′-16′, 1⅜″ x 2¾″; **Rungs:** 1¼″ dia.; **Sizes:** 6′ to 16′, extending to 10′ and 28′ respectively.

"Gold Medal" Featherweight Stages

Bears inspected ladder label of Underwriter's Laboratories, Inc.
Reinforcement: ⅛″ x ⅞″ steel bar countersunk on edge.
Rungs: 12″ spacing, 1 5/32″ dia.
Sizes: 10′ to 24′; all 12″ wide.

Load: Safe allowable load of 250 lbs. concentrated within 3′ of center.
Other types and widths of stages also available.

Common Trestles and Extension Plank

Trestles bear inspected ladder label of Underwriter's Laboratories, Inc.
Side Rails: 1⅜″ x 2¾″.
Rungs: 1¼″; staggered or non-staggered; double rungs at top.
Side Rails: (two-section plank); 6′, 8′, 10′, 1⅛″ x 2¼″; **Side Rails:** (three-section plank); 8′, 10′, ⅞″ x 2½″; **Sizes:** 6′ to 14′.

"Gold Medal" Single Ladder

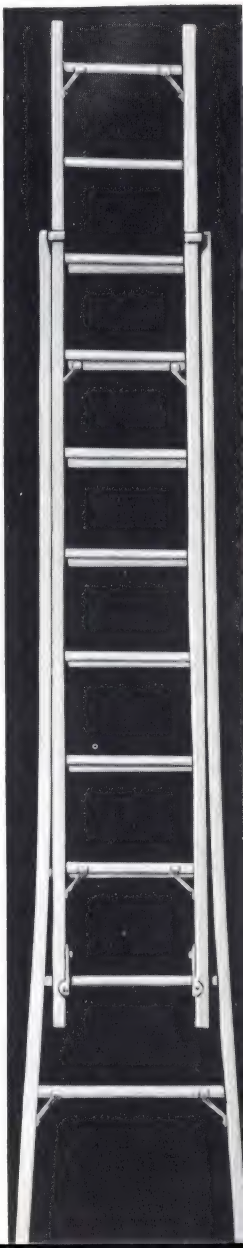
Bears the inspected ladder label of Underwriter's Laboratories, Inc.
Side Rails: Selected, ladder-grade stock, proportioned to equal or exceed ASA code requirements. Dimensions — 8′-18′, 1⅜″ x 2¾″; 20′-24′, 1⅜″ x 3″; 26′, 1⅜″ x 3½″.
Rungs: Straight-grained, machine-turned ash, oak or hickory, 1 5/32″.
Braces: Diagonal steel braces riveted through side rails on top and bottom rungs of all sizes, with additional intermediate rung braces on sizes over 20′. Well plated.
Tie Rods: Plated steel tie rods hold side rails securely.
Sizes: 8′ to 26′.

Flarex Extension Ladder

Bears inspected ladder label of Underwriter's Laboratories, Inc.
Side Rails: 16′-32′, 1⅜″ x 2¾″; 36′-40′, 1⅜″ x 3″; 44′, 1⅜″ x 3½″. Selected, straight-grained ladder stock; **Rungs:** Straight-grained ash, hickory or oak, 1 5/32″; **Locks:** Certified malleable iron, gravity action, bolted to side rails; **Sizes:** 16′ to 44′.
Another flared bottom ladder, the Durex, is equipped with automatic spring-type locks, and rope and pulley. Dimensions and sizes are the same as for the Flarex.

"Gold Medal" Safety Extension Ladder

Bears the inspected ladder label of Underwriter's Laboratories, Inc.
Side Rails: Selected, clear, straight-grained stock proportioned to equal or exceed ASA code requirements. Dimensions — 16′-32′, 1⅜″ x 2¾″; 36′-40′, 1⅜″ x 3″; 44′, 1⅜″ x 3½″; 48′-60′, 1¾″ x 3¾″.
Rungs: Straight-grained, machine-turned ash, hickory or oak, 1 5/32″.
Sizes: 16′ to 60′.



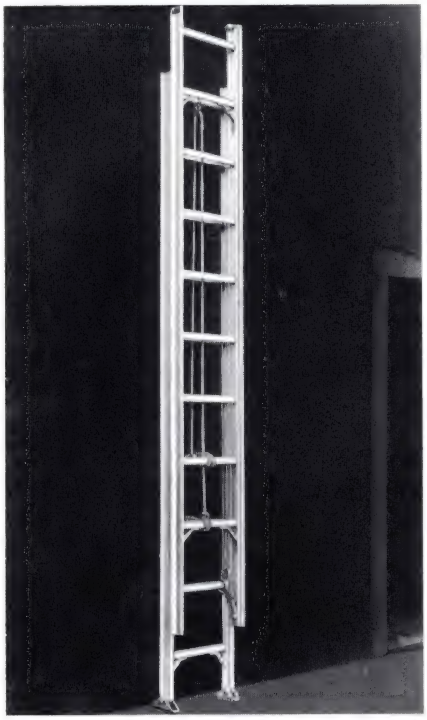
Safety Aluminum Ladders

For further details see Bulletin L-87 Approved by Underwriter's Laboratories, Inc.

Four natural advantages of aluminum—lightness, strength, immunity to rust, rot and mildew, and resistance to corrosion—make this wonder metal ideally suited to the manufacture of ladders.

These advantages of aluminum are combined with the design skill and extreme concern for safety, developed through 75 years of experience in manufacturing "Gold Medal" Safety Ladders, in these new Safety Aluminum Ladders.

These ladders meet or exceed American Standards Assn. Code 14.2 (Oct. 1956) for metal ladders.



EXTENSION LADDER

Rail Size: 2⅞″ deep up to 32′ size; 3⅜″ deep 36′ and up, 6063-T6 aluminum alloy.

Rungs: ⅞″ x 1¼″ oval to 32′, 6063-T6 aluminum alloy; 36′ and up, 6062-T6 aluminum alloy.

Feet: Combination type, with super-grip rubber tread and self - sharpening spike.

Weight: To 32′, 1¾ lbs. per foot; 36′ and up, 2 lbs. per foot.

Sizes: 16′, 20′, 24′, 28′, 30′, 32′, 36′, 40′.

PLATFORM STEP LADDER

Front Rails: 1″ x 3⅞″ channel, 6063-T6 alloy.

Steps: 1½″ x 3¾″ channel, 6063-T6 alloy.

Rear Rails: 3/32″ x ¾″ x 1⅝″ channel, 6062-T6 alloy.

Rungs: 1⅛″ x 1⅜″ x ⅛″ channel, 6062-T6 alloy.

Platform: 14½″ x 18″.

Feet: Rubber pads.

Weight: 4 lbs. per foot.

Sizes: 5′, 6′, 7′, 8′, 10′, 12′, 14′ (platform heights 2′ less in each case).

ALUMINUM STEP LADDER (Heavy Duty)

Front Rail: 1″ x 3⅞″ channel, 6063-T6 alloy.

Steps: 1½″ x 3¾″ channel, 6063-T6 alloy.

Rear Rail: ¾″ x 1⅝″ x 3/32″ channel, 6062-T6 alloy.

Rungs; 1⅛″ x 1⅜″ x ⅛″ channel, 6062-T6 alloy.

Feet: Rubber pads.

Weight: 3½ lbs. per foot.

Sizes: 4′ to 14′.

In addition to the Heavy Duty Stepladder pictured above, a Light Duty Step Ladder is available. For further details see Bulletin L-87.

SINGLE LADDER

Rail Size: 2⅞″ deep to 16′ size; 3⅜″ deep 18′ and over; 6063-T6 aluminum alloy.

Rungs: ⅞″ x 1¼″ oval to 16′ 6063-T6 aluminum alloy; 18′ and over, 6062-T6 alloy; double bolted to side rails.

Feet: Combination type, with super-grip rubber tread and self-sharpening spike.

Weight: To 16′, 1¾ lbs. per foot; 18′ and over, 2 lbs. per foot.

Sizes: 8′, 10′, 12′, 14′, 16′, 18′, 20′.

Caution: Aluminum Ladders should never be used where they may come in contact with an electrical circuit.

Magnesium Ladders

For further details on the complete line of magnesium ladders see Bulletin L-82.

For real labor-saving lightness, use "Safelight" Magnesium Extension and Single Ladders as well as "Superlight" Magnesium Stepladders.

Meeting our long established standards of safety and quality, these ladders are a sensible balance between reasonable lightness and durable strength.

All heavy metals have been eliminated by the use of magnesium alloys, the world's lightest structural metal.

EXTENSION LADDERS

Side Rails: 16′ to 28′, 3″; 30′ to 40′, 3¼″.
Rungs: 1¼″ x 1″ half-round; ribbed, non-slip surface.
Locks: Automatic spring type, 3/16″ thick aluminum.
Rope: ¼″ Manila.
Approx. Wt.: 1.3 lbs. per foot.
Sizes: 16′ to 40′.

SINGLE LADDERS

Side Rails: All lengths, 3″.
Rungs: 1¼″ x 1″ half-round, with ribbed, non-slip surface.
Approx. Wt.: 1¼ lbs. per foot.

Sizes: 8′, 10′, 12′, 14′, 16′, 18′, 20′.

Caution: Magnesium ladders should never be used where they may come in contact with an electrical circuit.

INDUSTRIAL STEPLADDER

Front rails: 4″ x 1½″ channel.
Back Rails: 2″ x 1½″.
Steps: 4″ x 1½″, fluted, non-skid material, reinforced by strong under-ribs.
Bucket Rack: 10½″ x 8″.
Feet: Serrated hard rubber.
Bracing: Extra-heavy, front and back.
Size-Approx. Wt.: 4′, 13¼ lbs.; 5′, 17 lbs.; 6′, 20½ lbs.; 8′, 27¼ lbs.; 10′, 35 lbs.; 12′, 42½ lbs.; 14′, 53¼ lbs.; 16′, 62½ lbs.; 18′, 69½ lbs.; 20′, 79 lbs.

STANDARD STEPLADDER

Front Rails: 3″ x 1″ wide, channel, smoothly-contoured.
Back Rails: 1½″ x ¾″.
Steps: 3″ wide x 1⅛″, fluted, non-skid material, reinforced by strong under-ribs.
Bucket Rack: 11″ x 7¼″.
Feet: Serrated hard rubber.
Bracing: Front and back.
Size-Approx. Wt.: 3′, 7½ lbs.; 4′, 8¼ lbs.; 5′, 9½ lbs.; 6′, 11½ lbs.; 7′, 14 lbs.; 8′, 16 lbs.; 9′, 18½ lbs.; 10′, 21 lbs.

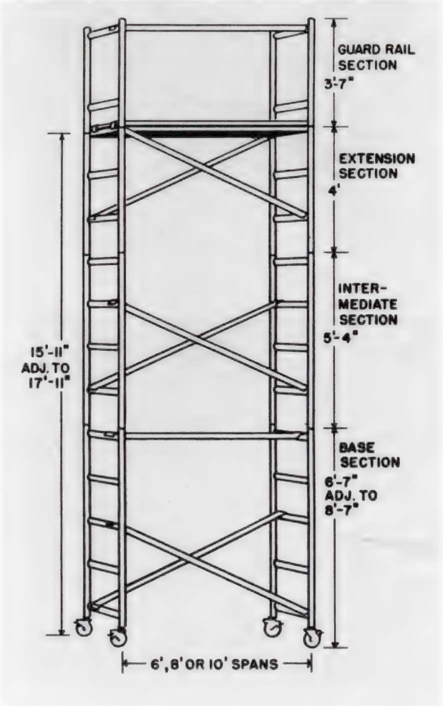
29"-Wide Aluminum Ladder Scaffold

FOR

- plant maintenance
- painting
- light duty work

For further details see Bulletin AS-7. Approved by Underwriters' Laboratories, Inc.

Erection Procedure

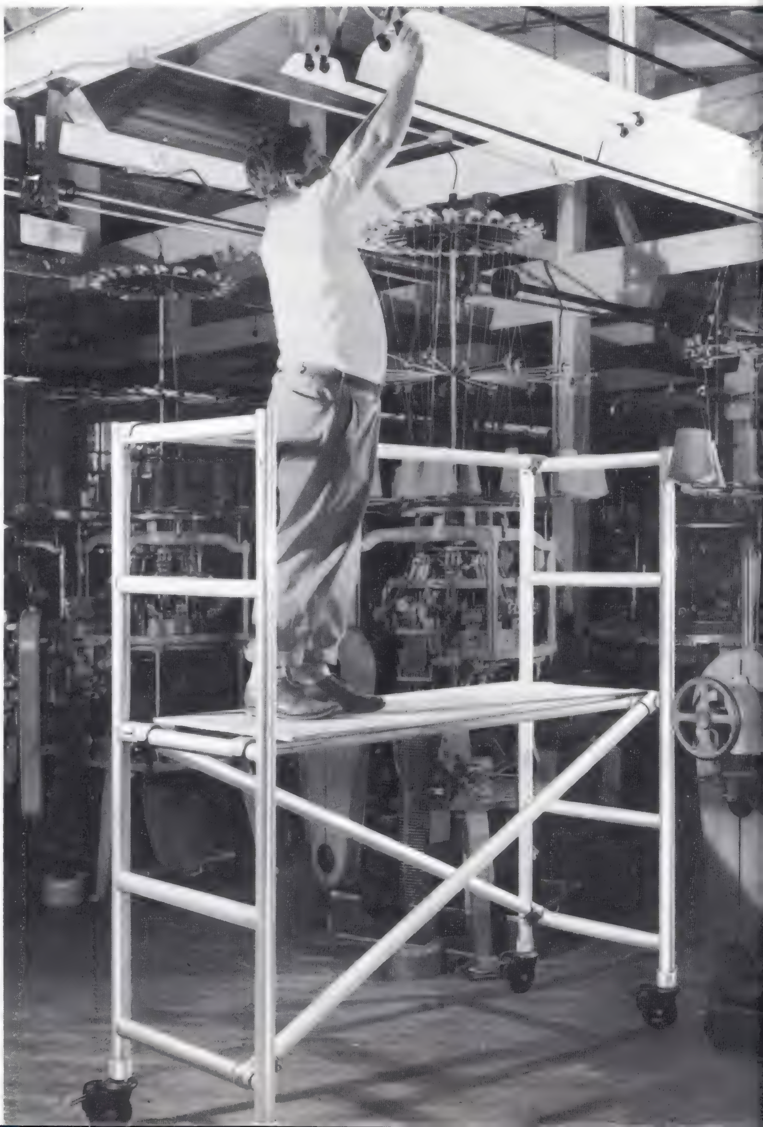


Technical Data

Size of Tubing: 2" dia. heat treated aluminum alloy.
Spans: 6', 8' or 10'.
Platforms: ½" exterior plywood, 5-ply, permanently mounted on frame.
Casters: 5" rubber-tired, single action locks wheel and swivel.
Load: Will support safe, uniformly distributed load of 835 lbs. or 70 lbs./ sq. ft., 6' span; 625 lbs. or 40 lbs./ sq. ft., 8' span; 500 lbs. or 25 lbs./ sq. ft., 10' span.

IDEAL for maintenance in narrow hallways, aisles and in construction, 29"-Wide Aluminum Ladder Scaffolds are available in spans of 6', 8' or 10'.

BASIC UNIT makes this Scaffold, with working level adjustable from 1' to 8¾' high, using 24" leg adjustment. Both scaffolds are equipped with 5" Duflex wheel, dual brake steel casters.



4'6"-Wide Aluminum Ladder Scaffold

FOR

plant maintenance
construction
painting

For further details see Bulletin AS-7. Approved by Underwriter's Laboratories, Inc.

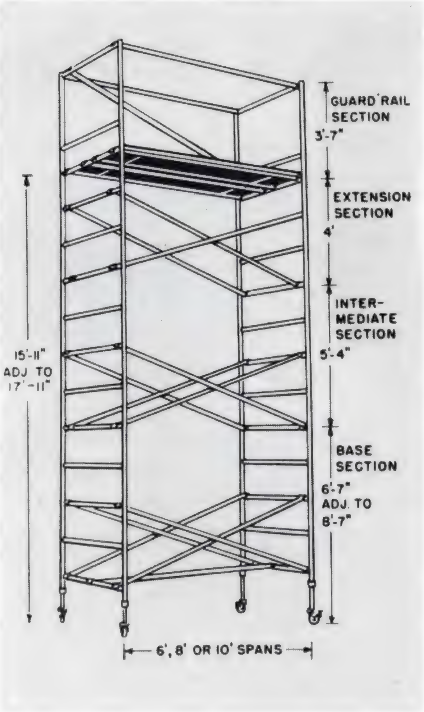
Design of the 4′ 6″-Wide Scaffolds provides larger working areas, dual level installation of platforms when desirable.

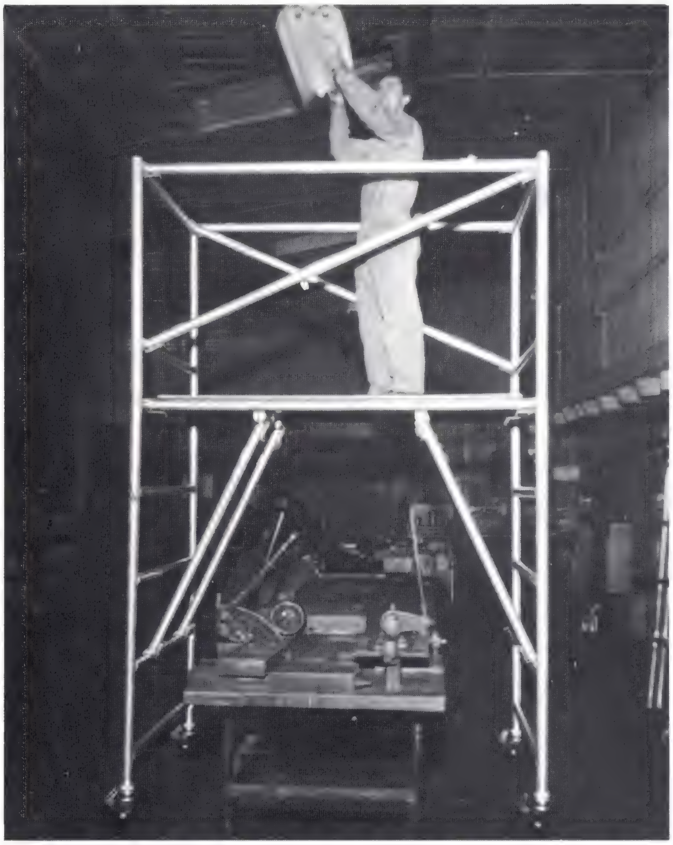
- Clearances over floor obstruction of 5′ 10″ high by 9′ wide (on 10′ span with rearrangement of braces).
- Maximum stability because of 4′ 6″ width.

Technical Data—

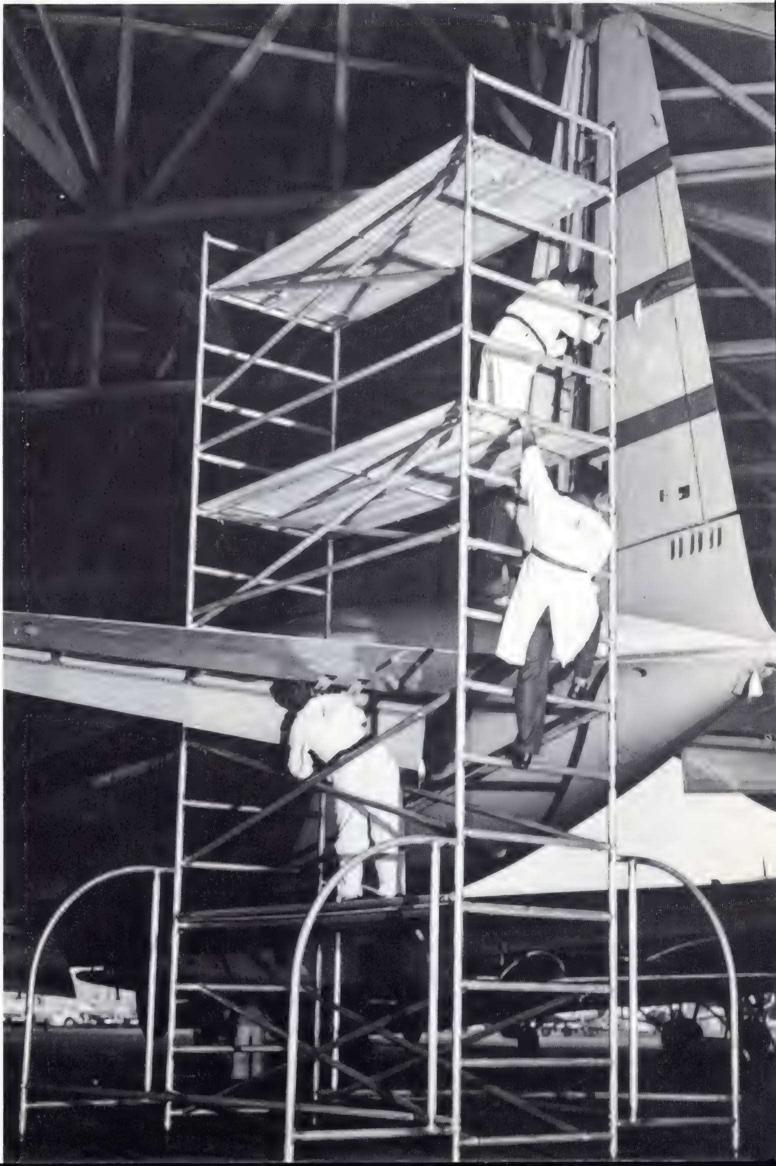
Size of Tubing: 2″ dia. heat treated aluminum alloy.
Spans: 6′, 8′, or 10′.
Platforms: ½″ exterior plywood, 5-ply, permanently mounted on frame.
Load: Will support safe, uniformly distributed load of 835 lbs. or 70 lbs./sq. ft. each platform, 6′ span; 625 lbs. or 40 lbs./sq. ft., each platform, 8′ span; 500 lbs. or 25 lbs./sq. ft., each platform, 10′ span.
Casters: 5″ rubber-tired, single action locks wheel and swivel.

Erection Procedure





HIGH CLEARANCE base sections for 29"-Wide and 4'6"-Wide Ladder Scaffolds are ideal for special situations. Also available for Sectional and "Fold-A-Way" Aluminum Scaffolds.



OUTRIGGER SUPPORTS increase base dimension of 4'6" wide scaffold to 7'10" x span if two are used. If four are used, 11'5" x span. For the 29" wide scaffold, the figures are 5'8" x span and 9'3" x span respectively.

"Fold-A-Way"®

Aluminum Scaffold

FOR

painting
plant maintenance
light duty repairs

For further details see Bulletin ASF-1. Approved by Underwriters' Laboratories, Inc.

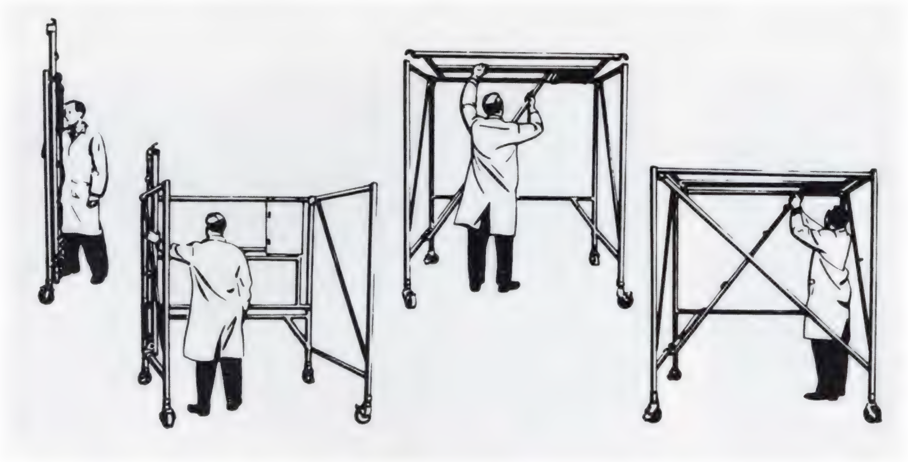
"Fold-A-Way" Aluminum Scaffolds, aside from their ease of erection, have other advantages which result from forward-looking design and workmanship.

Consider the erection of upper sections. With the "Fold-A-Way" Scaffold the entire folded section is free-standing with only two sprockets inserted into the legs of the base section. Here again, the end frames go into position with only an easy to manage swing of about 90 degrees.

The end frame diagonal brace is well out of the way, making it easy to "enter" the scaffold at the bottom of the stairway. No overhead balancing during erection; no loose parts.

All parts of the exclusive, reinforced, snap-on lock for braces and stairways are exposed for inspection at all times.

Erection Procedure



The basic unit, and upper sections as well, fold into compact 6½" thick packages, making it easy to carry, transport and store.

The two end frames swing outward, like the pages of a book. End frames will not "fold under" during erection.

Next, the floor frame is swung up to the position shown. Then the stairway is snapped onto the floor frame as it is lowered to the horizontal position.

Here is the base section, erected in less than a minute. The workman is at all times within the base area of the Scaffold.

Technical Data—

Size of Tube: 2" o.d. for major members, heat treated aluminum alloy.
Plywood: 5-ply, waterproofed.
Casters: Aluminum construction; 5" wheel, resilient rubber-tired; adjustable to 24". Single action locks both wheel and swivel.
Dimensions: Base section, 4′ 6″ x 6′ over-all base dimensions; first platform 7′ high, including casters; two outrigger supports increase base area to 7′11″ x 10′, four outriggers 10′ x 10′.
Intermediate Section: 6′ high.
Half Section: 42″ high.
Folding Guard Rail Section: 42″ high.
Load: Will support a distributed load of 750 lbs.

CLEAN, NEAT appearance of "Fold-A-Way" Scaffolds makes them ideal for interior or exterior work in view of the public.

THIS SCAFFOLD was erected from a "Fold-A-Way" base section, two intermediate sections and a folding guard rail section. This Scaffold is ideal for re-lamping.

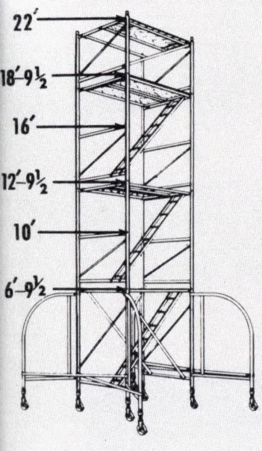
Aluminum Sectional Scaffolds

FOR

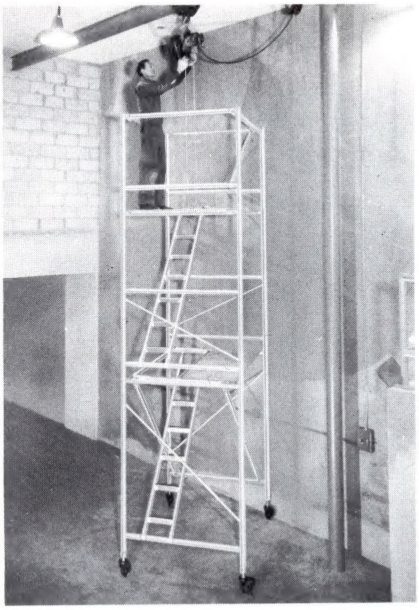
plant maintenance
painting
light duty work

For further details see Bulletin AS-3. Approved by Underwriters' Laboratories, Inc.

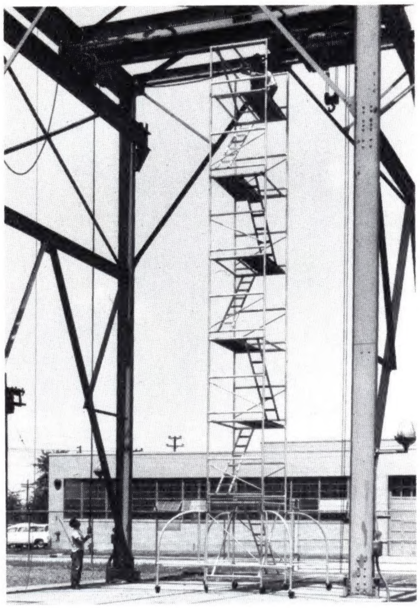
Erection Procedure



Diagonal braces snap onto the two end frames, fitted with casters. Then the stairway is installed, in the opposite direction from the braces. The platform is then installed. Frames for upper sections slip over aluminum coupling tubes in the lower frame.



INDUSTRIAL PLANTS find many uses for Aluminum Sectional Scaffolds. This type provides an interior stairway.



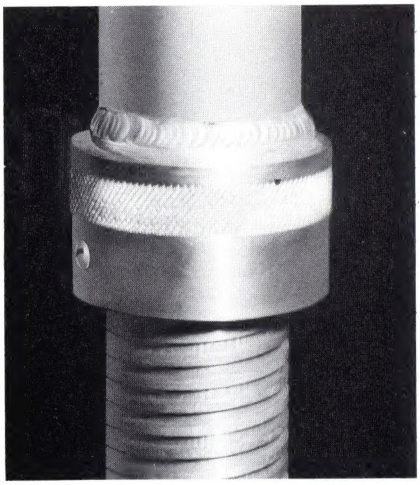
ALUMINUM SECTIONAL Scaffolds like this 6-section unit, are ideal for light duty repairs and plant maintenance.

Technical Data

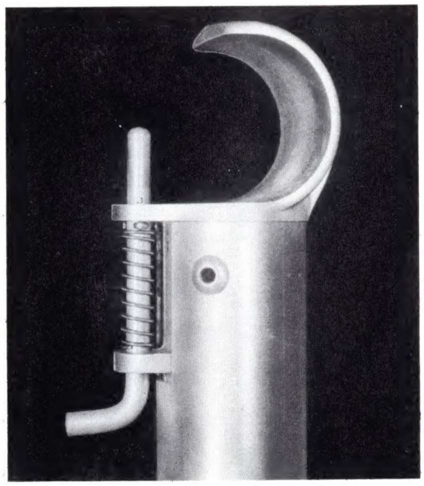
Size of Tube—2" o.d. for major members, heat treated aluminum alloy.
Plywood—5-ply exterior type, 2' x 5'4" x ½".
Dimensions: Base section 4'6" x 6'; two outrigger supports increase it to 7'10" x 10', four outriggers 10' x 10'.

Casters—5" rubber-tired, with 24" safety, ball bearing adjusting leg. Also non-adjustable type. Single action locks wheel and swivel.
Load: Will support a distributed load of 750 lbs.

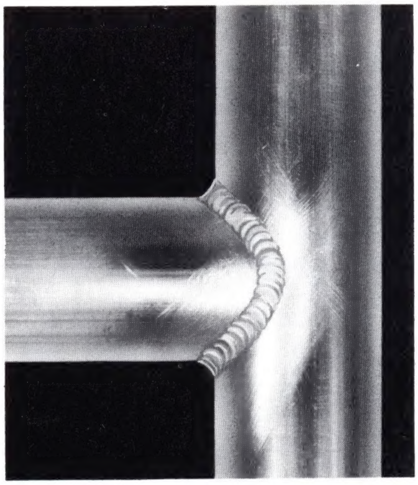
All P. S. Co. Aluminum Scaffolds*—29"-Wide Ladder Scaffold, 4'6"-Wide Ladder Scaffold, "Fold-A-Way" Scaffold Sectional Scaffold—*Have these important advantages:



SAFE ADJUSTING LEGS. Simply turn the ball bearing collar for adjustments up to 24 inches. The leg will not fall out, and will not slip or run down. The scaffold need not be lifted to make the adjustment.



NO JAMMED BRACES. This spring lock on all braces is completely exposed so that it can be easily cleaned with a wire brush. This is important in trades where the pins could become jammed because of paint or plaster.



STURDY CONSTRUCTION. Complete welds are used on all joints. One tube is coped to fit the contour of the other. Then the joint is welded all the way around for greatest strength.

"Trouble Saver"® Safety Ladders

FOR

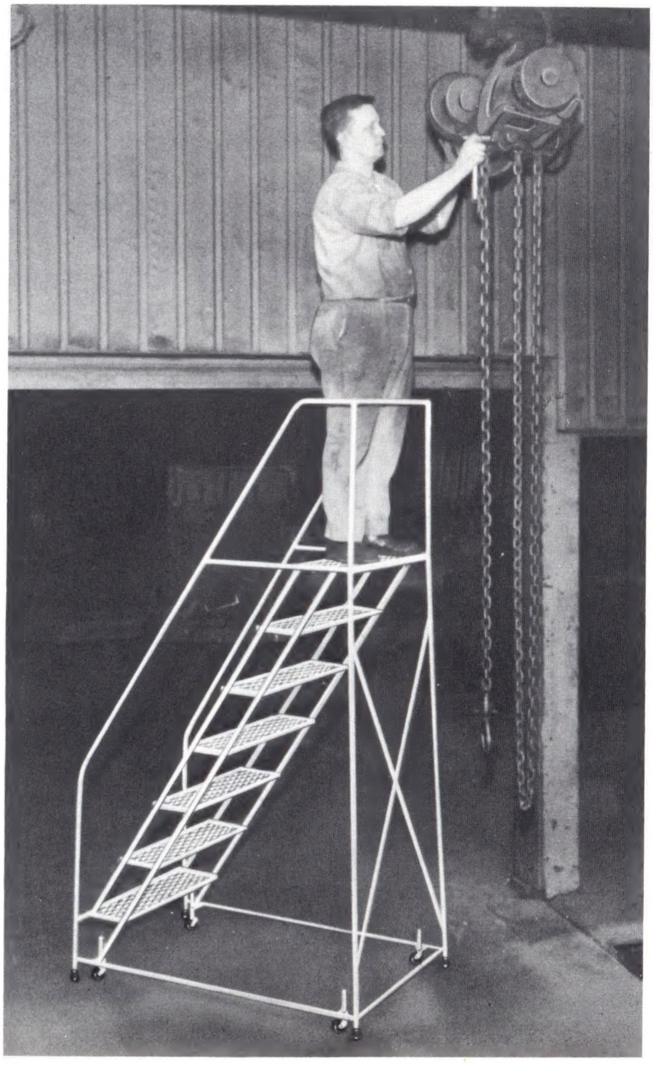
stockrooms
storerooms
schools
public buildings
plant maintenance

For further details see Bulletin SL-1.

Steel or Aluminum

These new "Trouble Saver" Safety Ladders are made in both 20″ and 30″ widths, and from 1-step to five step without handrails and from 2-step to 12-step with handrails. The design of each includes many superior features, including Flared design for greater stability, expanded metal steps, all-welded steel construction, extra braces on taller units for greater rigidity, curved front rail on units without guard rails for easier rolling; smooth-rolling casters when weight of user is applied.

These Safety Ladders are finished with a high-quality, synthetic aluminum enamel. This coating forms a solid metallic barrier that dries to a hard, tough, abrasion-resistant surface with superior rust-resistant qualities.



Technical Data—

STEEL LADDERS WITHOUT HANDRAILS	Total Height	Height to Top Step	Width at Base	Width at Top	Depth	Weight in lbs.
1-Step without casters	12″	12″	20″	17½″	16″	14
1-Step with casters	12	12	20	17½	16	18
2-Step	19	19	20	17½	19	26
2-Step—30″ wide	19	19	30	25½	19	30
3-Step	28½	28½	20	17½	25	36
3-Step—30″ wide	28½	28½	30	25½	25	42
4-Step	38	38	20	17½	31	46
4-Step—30″ wide	38	38	30	25½	31	53
5-Step	47½	47½	20	17½	37	56
5-Step—30″ wide	47½	47½	30	25½	37	64
STEEL LADDERS WITH HANDRAILS						
2-Step	37	19	20	17½	19	34
2-Step—30″ wide	37	19	30	25½	19	38
3-Step	46½	28½	20	17½	25	45
3-Step—30″ wide	46½	28½	30	25½	25	52
4-Step	62	38	20	17½	31	56
4-Step—30″ wide	62	38	30	25½	31	64
5-Step	71½	47½	20	17½	37	66
5-Step—30″ wide	71½	47½	30	25½	37	74
6-Step	81	57	20	17½	43	74
6-Step—30″ wide	81	57	30	25½	43	84
7-Step	90½	66½	20	17½	49	85
7-Step—30″ wide	90½	66½	30	25½	49	97
8-Step—30″ wide	106	76	30	25½	55	149
9-Step—30″ wide	115½	85½	30	25½	61	161
10-Step—30″ wide	125	95	30	25½	67	191
11-Step—30″ wide	134½	104½	30	25½	73	204
12-Step—30″ wide	144	114	30	25½	79	217

All "Trouble Saver" Safety Ladders from 1-step through 5-step are equipped with 2″ spring-loaded casters. Six-step and 7-step Ladders use 3″ spring-loaded casters, and 8 through 12-step Ladders use 4″ casters with a positive safety floor lock device.

THE PATENT SCAFFOLDING CO., Inc.

38 Haynes St., N.W., ATLANTA 3, Ga.
1533 Ridgely St., BALTIMORE 30, Md.
76 Ashford St., Allston, BOSTON 34, Mass.
2546 Lucena St., CHARLOTTE, N. C.
1550 Dayton St., CHICAGO 22, Ill.
2501 W. Third St., CLEVELAND 13, Ohio
2200 Singleton Blvd., DALLAS 7, Tex.
11,500 Wyoming Ave., DETROIT 4, Mich.
2545 Berlin Trpke. (Newington) HARTFORD, Conn.
38-21 12th Street, LONG ISLAND CITY 1, N. Y.
1520 E. Truman Rd., KANSAS CITY 6, Mo.
6931 Stanford Ave., LOS ANGELES 1, Calif.
7140 N. Miami Ave., MIAMI 50, Fla.
135 E. Pittsburgh Ave., MILWAUKEE 4, Wis.
8000 Edinburgh St., NEW ORLEANS 18, La.
Main Street, NEWARK VALLEY, N. Y.
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